SOUTHERN PACIFIC COMPANY

(PACIFIC SYSTEM.)

109

TIME TABLE

FOR THE

SACRAMENTO DIVISION

To Take Effect Sunday, June 27, 1920, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only, and not intended for the use of the public.

J. H. DYER,
General Manager.

F. L. BURCKHALTER
Assistant General Manager.

G. F. RICHARDSON,
Superintendent of Transportation.

R. L. RUBY,
Assistant Superintendent of Transportation.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS					FIRST CLASS												Distance from San Francisco	Time Table No. 109 June 27, 1920
	256	308	222	306	254	6	48	20	34	14	2	22	24	28	210	10	16		
	Sunset Manifest	Way Freight	Portland Fast Freight	Way Freight	Ogden Manifest	Atlantic Express	El Dorado	Pacific Limited	Colfax Passenger	Portland Express	Overland Limited	Dunsmuir Passenger	Tonopah Express	Sacramento Gerber Passenger	The Newsboy	Express	Oregon Express		
	Leave Daily	Lv. Daily Ex. Sunday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		**STATIONS**
Term Yard WFTYOP			8.40AM			10.15PM	8.20PM	4.55PM	3.45PM	2.15PM	12.40PM	11.10AM	11.00AM	8.30AM	7.30AM	1.30AM	12.30AM	88.8	DNR **SACRAMENTO** 3.0
Yard IY P	8.50AM		9.00		11.20AM	10.25	8.30	5.05	f3.55	2.25	12.50	11.20	11.10	f8.40	f7.40	1.40	12.40	91.8	**ELVAS** 1.5
																		93.5	SWANSTON 1.6
88 P						10.30	8.35	5.10	f4.00	2.30	12.55	11.25	f11.15	f8.45	f7.45	1.47	12.45	94.9	BENALI 4.5
10 Spur P									f				f	f	f			99.4	WALERGA 3.4
60 P						10.43	8.45	5.20	f4.10	2.40	1.05	11.35	f11.25	f8.55	f7.55	2.00	12.55	102.8	ANTELOPE 3.8
Term Yard TWFPYO	10.00AM		10.15AM	4.00AM	12.05PM 2.30	s11.00	s8.55PM	s 5.35	s4.20	s2.50PM	1.20	s11.45AM	s11.35	s9.05AM	s8.05	s 2.15	s 1.05AM	106.6	DN **ROSEVILLE** 1.3
																		107.9	ENWOOD 2.7
Yard P				4.15		s11.13		5.45	s4.30		1.29		s11.45AM		s 8.15	s 2.28		110.6	ROCKLIN 4.9
73				See Page 3.		f11.28		5.57	See page 3.		1.40		See page 3.		See page 3.	2.42		115.5	LINCOLN AV., PENRYN 4.7
87 WP				6.50		s11.45PM		6.10	s5.00		1.52		s12.14PM		s8.45	s 3.00		120.2	DN NEWCASTLE 4.0
86 WP				7.50		s12.01AM		s 6.20	s5.13		2.02		s12.25		s8.57	s 3.15		124.2	AUBURN, NEVADA ST. 4.9
76 P				8.20		12.15		6.30	f5.23		2.12		f12.36		f9.07	3.30		129.1	BOWMAN 2.3
70 P				8.50	5.32	12.25		6.35	f5.32		2.17		f12.45		f9.15	3.40		131.4	CLIPPER GAP 2.9
83 PW				9.05		12.35		6.44	f5.40		2.24		f12.55		f9.25	3.50		134.3	APPLEGATE 3.4
82 P				9.35		12.47		6.53	f5.48		2.32		f 1.05		f9.35	4.03		137.7	N. E. MILLS 1.3
									f				f					139.0	LANDER 2.7
Yard OYPW		7.00AM		10.10AM	6.45	s 1.10		s 7.10	s6.00PM		s 2.47		s 1.20		s9.50AM	s 4.30		141.7	DNR **COLFAX** 4.3
50 P		7.20			7.25	1.28		7.25			3.02		f 1.40			4.48		146.0	CAPE HORN 2.5
													f					148.5	MAGRA 3.7
80 PWFY		8.15				s 1.55		7.45			3.19		f 2.05			s 5.15		152.2	DN GOLD RUN 1.9
6 PSpur		8.40				f 2.05		7.50			3.24		f 2.15			s 5.25		154.1	DUTCH FLAT 1.9
4 PSpur													f					156.0	ALTA 0.8
5 Spur PW		9.00				f 2.17		8.00			3.33		f 2.25			s 5.38		156.8	D TOWLE 1.8
5 Spur		9.15				2.27		8.07			3.39		f 2.34			5.48		158.6	GORGE 1.0
											s 3.42 3.47							159.6	AMERICAN 1.1
80 P		9.30				2.38		8.14			3.51		f 2.45			5.58		160.7	DN MIDAS 2.3
10 PSpur W		9.50				2.48		8.22			3.58		f 2.54			6.08		163.0	FOREBAY 2.1
		10.00			9.50	2.57		8.32			4.05		3.02			6.17		165.1	B. C. JUNCTION 0.4
60 PTW		10.10AM			10.00PM	s 3.00AM		s 8.35PM			s 4.08PM		s 3.05PM			s 6.20AM		165.5 166.6	DN **BLUE CANON**
	Arrive Daily	Ar. Daily Ex. Sunday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(76.7)
	(1.10)	(3.10)	(1.35)	(6.10)	(8.15)	(4.45)	(0.35)	(3.40)	(2.15)	(0.35)	(3.28)	(0.35)	(4.05)	(0.35)	(2.20)	(4.50)	(0.35)		................Time over District
	9.20	7.64	10.95	5.69	9.10	16.37	30.51	21.21	23.51	30.51	21.84	30.51	18.89	30.51	22.67	15.80	30.5		................Average speed per hour

Automatic Block

No. 2 Track

Staff Sys.

No. 4 Track between Rocklin and Loomis will be used exclusively by Nos. 210, 24, 34 and 306; other trains only when authorized by train order.

Eastward trains to use siding at Clipper Gap, back in through crossover near east end of siding.

ADDITIONAL STOPS ON SIGNAL
- No. 34, Haggin, Mile Post 94.1.
- Nos. 2, 6 and 20 stations west of Colfax to receive passengers for Ogden and points east.

Eastward
FROM SAN FRANCISCO

TOWARD SAN FRANCISCO

Westward.

				Time Table No. 109 June 27, 1920	Distance from Blue Canon	FIRST CLASS											THIRD CLASS					Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.
306	210	24	34			5	13	47	9	33	19	1	23	21	27	209	257	253	305	307	219	
Way Freight	The Newsboy	Tonopah Express	Colfax Passenger			San Francisco Passenger	San Francisco Express	El Dorado	Fast Mail	Sacramento Passenger	Pacific Limited	Overland Limited	Tonopah Express	The Statesman	Sacramento Passenger	Colfax S. F. Passr.	Sunset Manifest	Ogden Manifest	Way Freight	Way Freight	Freight	
Lv. Daily Ex. Sun.	Leave Daily	Leave Daily	Leave Daily	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Ar. Daily Ex. Sunday	Ar. Daily	
				DNR **SACRAMENTO** 3.0	77.1	s 3.20AM	s 4.20AM	s 8.05AM	s 8.55AM	s 9.15AM	10.25AM	s 1.25PM	¶ 2.45PM	s 3.00PM	s 6.15PM	6.20PM					6.00PM	Term. Yard WFTYOP
				ELVAS 1.5	74.1	3.10	4.10	7.55	8.45	f 9.05	10.10	1.15	2.35	f 2.50	6.05	6.10	1.00AM	8.35AM			5.45	PIY Yard
				SWANSTON 1.6	72.6																	
				BENALI 4.5	71.0	3.04	4.01	7.50	8.41	f 8.57	10.05	1.07	2.26	f 2.41	5.58	f 6.03						P 89
				WALERGA 3.4	66.5					f				f		f						No Siding P
				ANTELOPE 3.8	63.1	2.54	3.51	7.40	8.31	s 8.47	9.55	12.58	2.15	f 2.30	5.48	f 5.53						P 60
				DN **ROSEVILLE** 1.3	59.3	s 2.45	3.40AM	s 7.32AM	8.25	s 8.37	s 9.45	12.50	s 2.07	s 2.23PM	5.40PM	s 5.45	12.10AM	8.00 6.00	4.00PM		5.00PM	Term. Yard TWFPYO
				ENWOOD 2.7	58.0																	
4.15AM	s 8.15AM	s 11.45AM	s 4.30PM	ROCKLIN 3.3	55.3	f 2.29			8.10	s 8.30	9.25	12.35	s 1.53			s 5.30			3.40			P Yard
4.50 5.50	s 8.23	s 11.53AM	s 4.39	D LOOMIS 2.7	52.0	f 2.19			8.03	s 8.23	9.16	12.28	s 1.42			s 5.20			2.43			P 60
6.05 6.30	s 8.33	s 12.01PM	s 4.49	D PENRYN 3.0	49.3	f 2.10			7.57	s 8.15	9.10	12.20	s 1.32			s 5.10			2.07			P 55
6.50AM	s 8.45AM	s 12.14PM	s 5.00PM	DN NEWCASTLE 1.9	46.3	s 2.00			7.50	s 8.07	s 9.03	12.14	s 1.22			s 5.00			1.22			WP 73
				ZETA 2.1	44.4					f 7.58			f									Spur 7
				FLINT 0.9	42.3																	73
				D AUBURN 3.9	41.4	s 1.45			7.36	s 7.52	s 8.47	12.01PM	s 1.05			s 4.45		4.30	12.01PM			WP 56
				BOWMAN 2.5	37.5	1.33			7.29	f 7.40	8.37	11.51AM	f 12.50			f 4.35						P 73
				CLIPPER GAP 3.0	35.0	1.26			7.22	f 7.34	8.30	11.44	f 12.43			f 4.28						P 70
				APPLEGATE 3.2	32.0	f 1.19			7.16	f 7.28	8.24	11.38	f 12.35			f 4.21						Spur P55
				N. E. MILLS 2.0	28.8	1.11			7.10	f 7.22	8.16	11.32	s 12.27			f 4.14						Spur P 55
				LANDER 3.0	26.8					f			f			f						Spur 64
				DNR **COLFAX** 4.3	23.8	s 12.55			7.00	7.10AM	s 8.05	s 11.18	12.15PM ¶ 11.59AM			4.00PM		2.45	9.10AM	4.00PM		OYWP Yard
				CAPE HORN 2.5	19.5	12.38			6.41		7.45	10.59	f 11.48							3.30		P 50
				MAGRA 3.7	17.0								f									Spur 5
				DN GOLD RUN 1.9	13.3	f 12.20			6.27		7.31	10.45	f 11.30							3.00		WFYP 80
				DUTCH FLAT 1.9	11.4	f 12.13			6.22		7.25	10.40	f 11.25									Spur P 6
				ALTA 0.8	9.5	f							f									Spur P 4
				D TOWLE 1.8	8.7	f 12.06			6.16		7.19	10.34	f 11.17									WP Spur 5
				*GORGE 1.0	6.9	12.01AM			6.12		7.15	10.30	f 11.11							2.20		Spur 5
				AMERICAN 1.1	5.9						7.12 s 7.07	10.27 s 10.22										
				DN MIDAS 2.3	4.8	11.55PM			6.07		7.04	10.19	f 11.05							2.05		P 80
				FOREBAY 2.1	2.5	11.48			6.01		6.58	10.13	f 10.59							1.50		W Spur P 10
				B. O. JUNCTION 0.4	0.4	11.42			5.57		6.53	10.08	10.53					1.05		1.35		
				DN **BLUE CANON**	0.0	11.40PM			5.55AM		6.50AM	10.05AM	10.50AM					1.00AM		1.30PM		PTW 60
Arrive Daily Ex. Sun.	Arrive Daily	Arrive Daily	Arrive Daily	(77.1)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Lv. Daily Ex. Sunday	Leave Daily	
				Time over District		(3.40)	(0.40)	(0.33)	(3.00)	(2.05)	(3.35)	(3.20)	(3.39)	(0.37)	(0.35)	(2.20)	(0.50)	(5.35)	(6.50)	(2.30)	(1.00)	
				Average speed per hour		20.29	27.60	32.30	25.70	25.73	20.80	23.13	21.12	28.86	30.51	22.84	17.76	13.27	5.22	9.52	19.16	

Automatic Block

No. 1 Track

Staff Sys.

The above schedules are shown only for information and have no time table superiority between Loomis and Newcastle, but will be known by their numbers and handled only by train orders between Loomis and Newcastle.

Westward trains receiving orders east of Newcastle moving an eastward train from Loomis to Newcastle against them, must not pass east cross-over switch at Newcastle until opposing trains on No. 1 Track have arrived.

Westward trains must stop east of east cross-over switch at Newcastle unless they receive a proceed train-order signal.

Nos. 210, 24, 34 and 306 will use No. 4 Track Rocklin to Loomis.

ADDITIONAL STOPS ON SIGNAL.
Nos. 13 and 27, stations between Roseville and Sacramento to discharge passengers from points east of Roseville.
No. 21, Haggin, Mile Post 94.1.
Nos. 1, 5 and 19, stations west of Colfax to discharge passengers from points east of Ogden.

*Frog in part of season.

Eastward.

FROM SAN FRANCISCO

Time Table No. 109

June 27, 1920

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			FIRST CLASS					Distance from San Francisco		STATIONS		
	254	308	310	20	2	24	10	6					
	Ogden Manifest	Way Freight	Way Freight	Pacific Limited	Overland Limited	Tonopah Express	Express	Atlantic Express					
	Leave Daily	Lv. Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					
60 PTW	10.10PM	10.55AM		8.40PM	4.15PM	3.10PM	6.25AM	3.05AM	166.6	DN	**BLUE CANON** 1.7	Staff System	
72		11.10		8.48	4.23	f 3.18	6.37	3.15	168.3		GUNTER 1.4		
73 P		11.20		8.54	4.29	f 3.23	6.45	3.23	169.7		FULDA 2.1		
68 PT		11.30		9.01	4.36	s 3.30	6.53	3.32	171.8	D	EMIGRANT GAP 1.5		
51	11.12	11.45AM		9.07	4.42	s 3.40	7.00	f 3.40	173.3	DN	**SMART** 2.8		
69		12.05PM		9.16	4.51	f 3.52	7.11	3.52	176.1		YUBA PASS 2.2		
51 W	11.40PM	12.40		9.24	4.59	f 4.00	7.23	4.05	178.3		CRYSTAL LAKE 2.0		
49 PW		1.05		9.33	5.08	s 4.10	7.33	f 4.15	180.3	DN	CISCO 3.5		
53		1.30		9.44	5.19	f 4.22	7.47	4.30	183.8		TAMARACK 2.0		
50 W		1.50		9.51	5.26	f 4.30	7.55	4.40	185.8	DN	TROY 2.1		
59		2.10		9.58	5.33	f 4.39	8.04	4.55	187.9		SPRUCE 2.8		
65		2.30		10.06	5.41	s 4.50	8.15	5.05	190.7		SODA SPRINGS 2.3		
128 PTW	1.45AM	3.05		10.18	5.53	s 5.05	s 8.30	s 5.17	193.0	DN	SUMMIT 0.7		
									193.7		TUNNEL SIX 2.5		
54		3.20		10.27	6.02	f 5.15	8.45	5.30	196.2		LAKE VIEW 2.0		
60		3.35		10.33	6.08	f 5.23	8.57	5.37	198.2		EDER 2.4		
57 T		3.50		10.40	6.15	f 5.32	9.05	5.45	200.6	DN	ANDOVER 2.3		
							f		202.9		STANFORD 1.2		
72		4.10		10.48	6.23	f 5.42	9.15	f 5.55	204.1		CHAMPION 1.7		
									205.8		DONNER 2.2		
Term. Yard PWTYOF	3.40	4.30PM	6.30AM	s 11.00	s 6.35	s 6.00	s 9.45	s 6.15	208.0	DNR	**TRUCKEE** 3.1	Automatic Block	No. 2 Track
48 (Spur)						f	f		211.1		* POLARIS 3.9		
53 (Spur)						f			215.0		*PROSSER CREEK 1.3		
20 P			7.15	11.20	6.55	s 6.24	s 10.15	s 6.35	216.3	D	BOCA 1.8		
80 P									218.1		HINTON 4.3		
75 PW			7.45	11.34	7.09	s 6.40	10.32	s 6.50	222.4	D	FLORISTON 3.1		
20 (Spur) PW				11.40	7.15	s 6.48	10.40	6.58	225.5	N	MYSTIC 3.0		
No Siding W									228.5		CALVADA 3.9		
100 P	7.15		8.45	11.55PM	7.30	s 7.00	11.05	s 7.15	232.4	D	**VERDI** 4.8		
6 (Spur) W				12.05AM	7.45	f 7.10	11.17	f 7.25	237.2		LAWTON 5.7		
Yard OP	8.15		9.50	s 12.25	s 8.00	s 7.25	s 11.50AM	s 7.55	242.9	DN	**RENO** 2.6		
Yard				12.35	8.10	s 7.35	s 12.05PM	s 8.05	245.5		SPARKS (Passenger Station) 0.7		
Term. Yard FWTOP	8.50AM		10.10AM	s 12.40AM	s 8.15PM	s 7.40PM	s 12.15PM	s 8.10AM	246.2	DNR	**SPARKS** (Dsprs Office)		
	Arrive Daily	Ar. Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(79.6)		
	(10.40) 7.46	(5.35) 7.05	(3.40) 10.41	(4.00) 19.90	(4.00) 19.90	(4.30) 17.69	(5.50) 12.81	(5.05) 15.65	...............Time over district ....Average speed per hour				

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

*Frog taken out part of season.
Water tank Mystic and Lawton on No. 1 track only.
Lawton Spur and cross-over 0.7 mile east of station board.
Mystic telegraph office open 10.00 p.m. to 6.00 a.m.

On double track between Sparks and Truckee, trains keep to the left. Westward trains use No. 1 track, Eastward trains No. 2 track. Signals used by trackmen on this double track will be placed on left, or fireman's side of track.

Additional Stations
Union Mills 213.5, Burckhalter 219.0, Wickes 221.5,
Farad 224.7, Marmol 230.2, Mogul 235.8.
Fleish 229.8, Iceland 220.9,

ADDITIONAL STOPS ON SIGNAL
No. 6—Farad, Fleish and Mogul.
No. 6—Union Mills to discharge passengers from points west of Sacramento.
No. 24—Summit Hotel, Union Mills, Iceland, Farad, Fleish and Mogul.
No. 10—Iceland.

TOWARD SAN FRANCISCO.

Westward.

Time Table No. 109

June 27, 1920

			Distance from Sparks	FIRST CLASS						THIRD CLASS		
				9	19	1	23	123	5	309	307	253
				Fast Mail	Pacific Limited	Overland Limited	Sparks San Francisco Passenger	Tonopah Express	San Francisco Passenger	Way Freight	Way Freight	Ogden Manifest
		STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Ar. Daily Ex. Sunday	Arrive Daily
Staff System	DN	**BLUE CANON** 1.7	79.6	s 5.50AM	s 6.45AM	s 10.00AM	s 10.45AM		s 11.35PM		1.15PM	12.45AM
		GUNTER 1.4	77.9	5.46	6.37	9.50	f 10.40		11.30		12.45	
		FULDA 2.1	76.5	5.43	6.32	9.46	f 10.35		11.25		12.30	
	D	EMIGRANT GAP 1.5	74.4	5.38	6.25	9.41	s 10.29		s 11.19		12.12PM	
	DN	**SMART** 2.8	72.9	5.34	6.18	9.35	f 10.22		f 11.12		11.45AM	
		YUBA PASS 2.2	70.1	5.27	6.10	9.27	f 10.13		11.03		11.15	
		CRYSTAL LAKE 2.0	67.9	5.22	6.03	9.20	f 10.06		10.53		10.55	11.40PM
	DN	CISCO 3.5	65.9	5.15	5.56	9.13	s 10.00		s 10.45		10.27	
		TAMARACK 2.0	62.4	5.05	5.47	9.02	f 9.49		10.32		10.05	
	DN	TROY 2.1	60.4	5.00	5.40	8.55	f 9.42		10.25		9.42	10.25
		SPRUCE 2.8	58.3	4.55	5.33	8.47	f 9.35		10.17		8.47	9.58
		SODA SPRINGS 2.3	55.5	4.49	5.25	8.38	f 9.28		f 10.06		8.15	
	DN	SUMMIT 0.7	53.2	4.43	5.17	8.30	s 9.20		s 9.55		8.00	9.00
		TUNNEL SIX 2.5	52.5									
		LAKE VIEW 2.0	50.0	4.35	5.08	8.18	f 9.08		9.43		7.37	
		EDER 2.4	48.0	4.30	5.02	8.10	f 8.57		9.35		7.20	
	DN	ANDOVER 2.3	45.6	4.23	4.55	8.02	f 8.48		9.27		7.00	
		STANFORD 1.2	43.3				f					
		CHAMPION 1.7	42.1	4.15	4.45	7.50	f 8.38		9.15		6.40	6.23
		DONNER 2.2	40.4									
Automltic Block	DNR	**TRUCKEE** 3.1	38.2 38.0	s 4.05	s 4.30	s 7.35	8.25 ¶ 8.00		s 9.00	2.30PM	6.15AM	6.00
No. 1 Track		*POLARIS 3.9	34.9				f		f			
		*PROSSER CREEK 1.8	31.0				f		f			
	D	BOCA 1.8	29.7	3.43	4.05	7.15	s 7.37		s 8.22	1.40		4.15
		HINTON 4.3	27.9									
	D	FLORISTON 3.0	23.6	3.30	3.50	7.01	s 7.20		s 8.05	1.00		
	N	MYSTIC 2.0	20.6	3.23	3.40	6.54			f 7.54			
		CALVADA 3.9	17.6				f 7.10					
	D	**VERDI** 4.7	13.7	3.10	3.24	6.40	s 6.55		s 7.37	12.05PM		2.00
		LAWTON 5.7	9.0	3.00	3.12	6.30	f 6.45		f 7.23			
	DN	**RENO** 2.6	3.3	s 2.52	s 3.00	s 6.20	s 6.35	s 6.30PM	s 7.10 6.55	11.20AM		1.00
		SPARKS (Passenger Station) 0.7	0.7	2.43	2.49	6.10	s 6.20	s 6.20	s 6.45			
	DNR	**SPARKS** (DsprsOffice)	0.0	2.40AM	2.45AM	6.05AM	6.15AM	6.15PM	6.40PM	11.00AM		12.30PM
		(79.6)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Lv. Daily Ex. Sunday	Leave Daily
		Time over District		(3.10)	(4.00)	(3.55)	(4.05)	(0.15)	(4.40)	(3.30)	(7.00)	(12.15)
		Average speed per hour		25.10	19.90	20.32	19.49	22.00	17.05	10.47	5.91	6.49

On single track westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

*Frog taken out part of season.
Water tank Mystic and Lawton on No. 1 track only.
Lawton Spur and cross over 0.7 mile east of station board.
Mystic telegraph office open 10.00 p. m. to 6.00 a. m.

On double track between Sparks and Truckee, trains will keep to the left. Westward trains use No. 1 Track, and Eastward trains No. 2 Track. Signals used by trackmen on this double track will be placed on the left, or fireman's side of track.

ADDITIONAL STOPS ON SIGNAL:
No. 5 Mogul Fleish, Farad, Iceland. and Union Mills,
No. 23 Mogul, Fleish, Farad, Iceland and Union Mills.

Eastward. FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	FOURTH CLASS			THIRD CLASS		FIRST CLASS								Distance from San Francisco		Time Table No. 109 June 27, 1920
	224	228	236	222	230	44	48	14	22	30	28	16	54			
	Way Freight	Way Freight	Way Freight	Portland **Fast Freight**	Way Freight	Sacramento Gerber Passenger	El Dorado	Portland Express	Dunsmuir Passenger	Sacramento Gerber Passenger	Sacramento Gerber Passenger	Oregon Express	Oregonian			
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			**STATIONS**
							8.20PM	2.15PM	11.10AM		8.30AM	12.30AM		88.8		**SACRAMENTO**
Term Yard FOPTWY				3.00PM	6.00AM		8.55PM	2.50PM	11.45AM		9.05AM	1.05AM		106.6	DN	**ROSEVILLE** 6.2
49				3.25	6.20		9.05	f 3.02	f 11.55AM		f 9.20	1.20		112.8		WHITNEY 4.2
134 W				3.50	6.45		s **9.15**	s 3.13	s **12.05**PM		s 9.30	s 1.35		117.0	DN	LINCOLN 1.3
34 Spur											f			118.3		CLAYTON 2.7
88				4.10	**7.10**		9.22	3.22	f 12.12		f 9.39	1.47		121.0		EWING 3.8
32				4.30	7.25		f 9.29	f 3.30	s 12.18		s 9.47	1.57		124.8		SHERIDAN 3.3
138 W				**4.55**	7.50		s 9.35	s 3.38	s 12.25		s 9.55	s 2.08		128.1	D	WHEATLAND 6.1
103				5.25	8.20		9.45	f 3.52	f 12.35		f **10.10**	**2.25**		134.2		OSTROM 6.6
Yard WOP			7.00AM	6.20	8.40AM		s 10.00	s 4.10	s 12.50		s 10.25	s 2.50		140.8	DNR	**MARYSVILLE** 1.0
Yard PIYF			7.10	6.25			10.04	4.15	12.53		10.30	2.55		141.8	Auto. Block	**BINNEY JUNCTION** W. P. Ry. Crossing. 2.9
112			7.25	**6.45**			10.09	**4.20**	f 12.58		f 10.37	3.02		144.7		BERG 3.0
43			7.35	7.00			10.15	f 4.26	f **1.04**		f 10.45	3.09		147.7		LOMO 2.1
8 Spur							f		f		f			149.8		SUNSET 1.7
54 IP			7.55	7.20			f 10.22	s 4.34	s 1.11		s **10.52**	f 3.20		151.5	D	LIVE OAK S. N. R. R. Crossing 4.4
5 Spur											f			155.9		FAGAN 2.1
120			8.45	7.50			s 10.35	s 4.48	s 1.23		s 11.05	s 3.35		158.0	DN	GRIDLEY 3.4
49 W			**9.15**	8.10			s 10.42	s **4.55**	s 1.32		s 11.12	s 3.45		161.4	D	BIGGS 2.7
5 Spur											f			164.1		RICETON 3.3
49			9.55				f 10.53	s 5.08	s 1.43		s 11.24	f 4.00		167.4		RICHVALE 4.1
119			10.30	9.00			f 11.04	s 5.17	s 1.51		s 11.34	4.12		171.5		NELSON 6.6
49			11.00	9.35			f 11.16	s 5.33	s 2.05		s **11.49**AM	f 4.28		178.1	D	DURHAM 3.8
9 Spur									f		f			181.9		FAULKNER 2.3 S. N. R. R. Crossing
Yard OYWF		9.30AM	**11.30**AM	10.05			s 11.30PM	s 5.50	s 2.20		s 12.05PM	s 4.55		184.2	DN	**CHICO** 4.9
7 Spur								6.00	2.30		f 12.15	5.05		189.1		GIMBAL 2.2
29		9.50						f 6.05	s **2.35**		f 12.20	5.11		191.3		NORD 2.3
112		10.05		10.50				6.10	f **2.40**		f 12.25	5.17		193.6		ANITA 2.4
20								f 6.15	f 2.47		f 12.30	5.23		196.0		CANA 2.6
5 Spur								6.20	f 2.54		f 12.35	5.29		198.6		SOTO 4.4
49 W		**11.00**		**11.49**PM				s 6.29	s 3.05		s 12.45	f 5.40		203.0	D	VINA 1.6
15								6.34	3.10		f 12.50	5.45		204.6		COPELAND 2.5
12 Spur									f		f			207.1		ENSIGN 0.9
8 Spur								f	f		f			208.0		BOHEMIA 1.7
48		11.40		12.05AM				s 6.45	s 3.20		s 1.00	f 5.55		209.7	D	LOS MOLINOS 2.0
120 PY	12.10PM	11.59AM		12.20		**11.30**PM		s 6.53	s **3.27**	3.10PM	s **1.08**	s 6.02	5.10AM	211.7	Auto. Block DNR	TEHAMA 2.1
Term Yard WFOPY	12.25PM	12.15PM		12.35AM		s 11.40PM		s 7.00PM	s 3.35PM	s **3.20**PM	s 1.15PM	s 6.10AM	s 5.20AM	213.8	DNR	**GERBER**
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	**Arrive Daily**			(107.2)
Marysville Yard—See trains on page 10	(0.15) 8.00	(2.45) 10.76	(4.30) 9.64	(9.35) 11.20	(2.40) 12.82	(0.10) 12.60	(2.35) 30.03	(4.10) 25.90	(3.50) 27.95	(0.10) 12.60	(4.10) 25.92	(5.05) 21.08	(0.10) 12.60			....................Time over District ....Average speed per hour

The schedule time and time table authority of No. 48 terminating at Chico, is hereby extended to include the main track to the station building.

Time at Tehama applies at Junction Switch. **ADDITIONAL STOPS ON SIGNAL.** { **No. 16 at any station to receive passengers for Portland and points beyond.**
{ **No 28 Sativa, Vecino and Second Street, Tehama.**

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Additional Stations: Jester Spur 125.4; Rupert Spur 138.9; Sativa 165.2; Vecino 186.6.

Time Table No. 109

June 27, 1920

			FIRST CLASS								THIRD CLASS		FOURTH CLASS		
		Distance from Gerber	53	29	47	21	15	27	43	13	221	227	237	229	223
			Oregonian	Gerber Sacramento Passenger	El Dorado	The Statesman	California Express	Gerber Sacramento Passenger	Gerber Sacramento Passenger	San Francisco Express	Portland Fast Freight	Way Freight	Way Freight	Way Freight	Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
	SACRAMENTO	125.0			8.05AM	3.00PM		6.15PM		4.20AM					
DN	**ROSEVILLE** 6.2	107.2			s 7.32AM	s 2.23PM		s 5.40PM		s 3.40AM	10.00PM			12.45PM	
	WHITNEY 4.2	101.0			f 7.23	f 2.10		5.27		3.23	9.35			12.20	
DN	LINCOLN 1.3	96.8			s 7.17	s 2.01		s 5.18		s 3.10	**9.15**			**12.05PM**	
	CLAYTON 2.7	95.5													
	EWING 3.8	92.8			**7.10**	f 1.52		f 5.09		2.59	8.50			11.25AM	
	SHERIDAN 3.3	89.0			f 7.05	s 1.46		f 5.01		2.49	8.35			11.00	
D	WHEATLAND 6.1	85.7			s 7.00	s 1.40		s **4.55**		2.40	8.20			10.40	
	OSTROM 6.6	79.6			f 6.50	f 1.30		f 4.42		**2.25**	7.50			**10.10**	
DNR	**MARYSVILLE** 1.0	73.0			s 6.40	s 1.20		s 4.30		s 2.10	7.15		11.55AM	9.45AM	
Auto Block	**BINNEY JUNCTION** W. P. Ry. Crossing 2.9	72.0			**6.34**	1.13		**4.25**		1.58	7.00		11.45		
Auto Block	BERG 3.0	69.1			f 6.29	f 1.09		f **4.20**		1.53	**6.45**		11.30		
	LOMO 2.1	66.1			f 6.24	f **1.04**		f 4.10		1.47			11.15		
	SUNSET 1.7	64.0			f	f									
D	LIVE OAK S. N. R. R. Crossing 4.4	62.3			s 6.18	s 12.48		s 4.02		f 1.40	6.00		**10.52**		
	FAGAN 2.1	57.9													
DN	GRIDLEY 3.4	55.8			s 6.07	s 12.35		s 3.50		s 1.28	5.20		10.00		
D	BIGGS 2.7	52.4			s 6.00	s 12.23		s 3.37		s 1.18	**4.55**		**9.15**		
	RICETON 3.3	49.7													
	RICHVALE 4.1	46.4			f 5.47	s 12.09		s 3.24		1.06			8.25		
	NELSON 6.6	42.3			f 5.38	s 12.01PM		s 3.14		12.58	4.25		8.05		
D	DURHAM 3.8	35.7			s 5.26	s **11.49AM**		s 3.02		f 12.44	3.50		7.45		
	FAULKNER 2.3	31.9													
DN	S. N. R. R. Crossing **CHICO** 4.9	29.6			5.15AM	s **11.35**		s 2.50		s 12.30	3.30	8.45AM	7.00AM		
	GIMBAL 2.2	24.7				11.24		f 2.39		12.16					
	NORD 2.3	22.5				s 11.20		f **2.35**		12.12		8.10			
	ANITA 2.4	20.2				f 11.16		f **2.29**		12.07	2.40 2.15	8.00			
	CANA 2.6	17.8				f 11.12		f 2.24		12.02AM		7.50			
	SOTO 4.4	15.2				f 11.08		f 2.19		11.57PM					
D	VINA 1.6	10.8				s **11.00**		s 2.12		f **11.49**	1.45	7.30			
	COPELAND 2.5	9.2				10.56		f 2.09		11.45		7.25			
	ENSIGN 0.9	6.7				f									
	BOHEMIA 1.7	5.8				f									
D	LOS MOLINOS 2.0	4.1				s 10.48		s 2.00		f 11.36		7.10			
Auto. Block DNR	TEHAMA 2.1	2.1	2.58AM	s 7.50AM		s 10.43	s 11.35AM	s 1.55	s **3.27PM**	s **11.30**	**1.08**	7.00			3.55AM
Auto. Block DNR	**GERBER**	0.0	2.50AM	7.40AM		10.35AM	11.30AM	1.45PM	**3.20PM**	11.20PM	12.50PM	6.50AM			3.45AM
	(107.2)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	Time over District		(0.08)	(0.10)	(2.17)	(3.48)	(0.05)	(3 55)	(0.07)	(4.20)	(9.10)	(1.55)	(4.55)	(3.00)	(0.10)
	Average speed per hour		23.40	12.60	33.98	28.21	25.20	27.37	24.20	24.73	10.80	15.44	8.82	11.40	12.60

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

No. 47 originating at Chico may occupy the main track 10 minutes before leaving time.

Marysville Yard see page 10.

Additional Stations: Jester Spur 125.4; Rupert Spur 138.9; Sativa 165.2; Vecino 186.6.

ADDITIONAL STOPS ON SIGNAL
- No. 13 Any station To discharge passengers from Portland or points beyond.
- No. 27 Second Street Tehama, Vecino, and Sativa,

Time at Tehama applies at Junction Switch.

Eastward.

FROM SAN FRANCISCO

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS					SECOND CLASS		FIRST CLASS				Distance from San Francisco		Time Table No. 109 June 27, 1920
	368 C & H Way Freight	226 Way Freight	232 Knights Landing Way Freight	224 Way Freight	366 C & H Way Freight	542 Oroville MOTOR	536 Oroville MOTOR	44 Sacramento Gerber Passenger	30 Sacramento Gerber Passenger	128 C and H Passenger	54 Oregonian			
	Lv. Daily Ex. Sunday	Leave Daily Ex. Sunday	Lv. Daily Ex. Sunday	Leave Daily Ex. Sunday	Lv. Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			STATIONS
WFTYOP		6.00AM	3.00AM			5.35PM	7.40AM	6.45PM Use Western Division	10.15AM Time Table	Sacramento	to Davis.	88.3		SACRAMENTO 13.2
Terminal Yard WYP		7.00AM	3.40AM			6.10PM	8.10AM	8.00PM	11.00AM		1.50AM	75.6	DNR	DAVIS 5.1
49		7.23	3.50			f 6.20	f 8.20	f 8.10	f 11.10		2.01	80.7		MERRITT 2.5
20		7.35	3.55			f 6.30	f 8.30	f 8.14	f 11.15		2.05	83.2		MULLEN 1.7
68 TPW		8.10	4.00AM			s 6.35PM	s 8.35AM	s 8.20	s 11.25		s 2.10	84.9	DR	WOODLAND S. N. R. R. Crossing 4.3
30 Spur								f	f			89.2		ELVATON 0.7
30		8.25						s 8.30	s 11.40		2.18	89.9	D	YOLO 2.2
14 Spur								f	f			92.1		DUFOUR 1.6
6 Spur								f	f			93.7		RONDA 2.1
43		8.45						f 8.40	s 11.52		2.27	95.8	D	ZAMORA 2.2
20		9.00						f 8.44	f 11.57AM		2.31	98.0		BRETONA 5.2
38 WP	9.30AM	9.20						s 8.54	s 12.07PM		2.39	103.2	DN	DUNNIGAN 3.2
43	9.45	9.30						f 9.00	f 12.14		2.45	106.4		HERSHEY 1.9
237 YP	10.00AM	9.45						f 9.04	s 12.20		2.48	108.3	D	HARRINGTON 5.2
49		10.00						s 9.13	s 12.30		2.56	113.5	D	ARBUCKLE 4.1
35 W		10.40						f 9.20	f 12.37		3.02	117.6		GENEVRA 0.9
15		10.50						f 9.22	f 12.39		3.04	118.5		MACY 5.7
57		11.05						s 9.32	s 12.50		f 3.13	124.2	DN	WILLIAMS 4.9
49		11.30						f 9.40	f 12.58		3.21	129.1		CORTENA 3.9
50 W		11.45AM						s 9.48	s 1.05		3.28	133.0	D	MAXWELL 5.3
47		12.23PM						f 9.58	f 1.17		3.36	138.3		DELAVAN 3.8
40		1.10						f 10.05	s 1.26		3.43	142.1		NORMAN 2.2
36		1.32						f 10.10	f 1.32		3.47	144.3		LOGANDALE 5.6
64 WFY		2.00PM		8.00AM				s 10.25	s 1.50		4.00	149.9	DNR	WILLOWS 3.3
14				8.15				f 10.30	f 1.58		4.05	153.2		LYMAN 3.6
48				8.58				f 10.36	s 2.05		4.12	156.8	D	ARTOIS 3 9
62				9.10				f 10.43	f 2.12		4.20	160.7		GRAPIT 1.3
36				9.20				f 10.45	f 2.15		4.23	162.0		GREENWOOD 3.4
45 PW				9.50	7.35AM			s 10.50	s 2.25	7.15AM	s 4.30	165.4	Automatic Block DNR	ORLAND 1.6
42 PY				10.00	7.45AM			f 10.53	f 2.30	7.20AM	4.33	167.0		WYO 2.0
16				10.20				f 10.57	f 2.34		4.37	169.0		MALTON 4.4
30				10.40				f 11.05	s 2.42		4.45	173.4		KIRKWOOD 5.1
51				11.10				s 11.15	s 2.53		4.55	178.5	D	CORNING 3.1
49				11.45				f 11.21	s 3.00		5.01	181.6		RICHFIELD 4.7
120 YP				11.59AM				s 11.30PM	s 3.10PM		s 5.10AM	186.3	DNR	TEHAMA
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(110.7)
	(0.30)	(7.00)	(0.20)	(3.59)	(0.10)	(0.25)	(0.25)	(3.30)	(4.10)	(0.05)	(3.20)			....................Time over District
	10.20	15.81	27.90	9.13	9.60	22.32	22.32	31.62	26.44	19.20	33.21			....................Average speed per hour

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. No. 54 Arbuckle, Willows, Orland, and Corning to receive passengers for Ashland and points beyond where train is scheduled to stop.

ADDITIONAL STATIONS:—Riz-146.0.

Time at Tehama applies at Junction Switch.

TOWARD SAN FRANCISCO

Westward.

Time Table No. 109

June 27, 1920

		Distance from Tehama	FIRST CLASS					SECOND CLASS		THIRD CLASS				FOURTH CLASS
			53	29	15	43	131	541	539	223	225	367	369	233
			Oregonian	Gerber Sacramento Passenger	California Express	Gerber Sacramento Passenger	C & H Passenger	Sacramento MOTOR	Sacramento MOTOR	Way Freight	Way Freight	C & H Way Freight	C & H Way Freight	Knights Landing Way Freight
	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Except Sunday	Arrive Daily Ex. Monday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Ar. Daily Ex. Sunday
	SACRAMENTO 13.2	123.9	6.45AM	12.50PM	3.50PM	7.40PM		9.20AM	7.40PM		2.30PM			1.20PM
			Use Western Division Time Table Davis to Sacramento											
DNR	DAVIS 5.1	110.7	s 6.10AM	s 12.20PM	s 3.15PM	s 7.05PM		s 8.45AM	s 6.55PM		1.30PM			12.01PM
	MERRITT 2.5	105.6	5.56	12.07	3.04	6.54		f 8.35	f 6.44		1.10			11.42AM
	MULLEN 1.7	103.1	5.51	12.01PM	2.59	6.49		f 8.30	f 6.39					11.35
DR	WOODLAND S. N. R. R. Crossing. 4.3	101.4	5.47	s 11.55AM	s 2.55	s 6.45		8.25AM	6.35PM		12.50			11.30AM
	ELVATON 0.7	97.1		f		f								
D	YOLO 2.2	96.4	5.37	s 11.40	2.46	s 6.30					12.10PM			
	DUFOUR 1.6	94.2		f		f								
	RONDA 2.1	92.6		f		f								
D	ZAMORA 2.2	90.5	5.27	s 11.30	2.37	s 6.20					11.52AM			
	BRETONA 5.2	88.3	5.23	f 11.25	2.33	f 6.15					11.25			
DN	DUNNIGAN 3.2	83.1	5.15	s 11.14	2.24	s 6.05					11.00	1.45PM		
	HERSHEY 1.9	79.9	5.10	f 11.07	2.18	f 5.58					10.35	1.30		
D	HARRINGTON 5.2	78.0	5.07	s 11.03	2.14	f 5.55					10.20	1.20PM		
D	ARBUCKLE 4.1	72.8	4.59	s 10.50	s 2.05	s 5.45					10.00			
	GENEVRA 0.9	68.7	4.53	f 10.40	1.58	f 5.36					9.25			
	MACY 5.7	67.8	4.51	f 10.37	1.56	f 5.34					9.20			
DN	WILLIAMS 4.9	62.1	4.42	s 10.25	s 1.45	s 5.25					9.00			
	CORTENA 3.9	57.2	4.34	f 10.12	1.36	f 5.17					8.40			
D	MAXWELL 5.3	53.3	4.28	s 10.02	s 1.28	s 5.10					8.20			
	DELAVAN 3.8	48.0	4.19	f 9.50	1.17	f 5.00					8.00			
	NORMAN 2.2	44.2	4.12	f 9.42	f 1.10	f 4.53					7.35			
	LOGANDALE 5.6	42.0	4.08	f 9.37	1.05	f 4.49					7.20			
DNR	WILLOWS 3.3	36.4	4.00	s 9.25	s 12.55	s 4.40				8.00AM	7.00AM			
	LYMAN 3.6	33.1	3.54	f 9.08	12.45	f 4.31				7.30				
D	ARTOIS 3.9	29.5	3.48	s 8.58	12.38	s 4.25				7.10				
	GRAPIT 1.3	25.6	3.42	f 8.48	12.29	f 4.17				6.30				
	GREENWOOD 3.4	24.3	3.40	f 8.45	12.26	f 4.14				6.15				
Automatic Block DNR	ORLAND 1.6	20.9	3.35	s 8.38	s 12.18	s 4.04	4.15PM			6.00			4.45PM	
	WYO 2.0	19.3	3.32	f 8.32	12.13	f 4.00	4.10PM			5.35			4.35PM	
	MALTON 4.4	17.3	3.28	f 8.27	12.10	f 3.57				5.25				
	KIRKWOOD 5.1	12.9	3.21	f 8.17	12.03PM	f 3.50				5.10				
D	CORNING 3.1	7.8	3.12	s 8.07	s 11.53AM	s 3.41				4.55				
	RICHFIELD 4.7	4.7	3.06	f 8.00	11.45	f 3.35				4.10				
DNR	TEHAMA	0.0	2.58AM	7.50AM	11.35AM	3.27PM				3.55AM				
	(110.7)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Monday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Lv. Daily Ex. Sunday
	Time over district		(3.12)	(4.30)	(3.40)	(3.38)	(0.05)	(0.20)	(0.20)	(4.05)	(6.30)	(0.25)	(0.10)	(0.31)
	Average speed per hour		34.59	24.60	30.19	30.44	19.20	27.90	27.90	8.91	11.43	12.24	9.60	18.61

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Time at Tehama applies at Junction Switch.

ADDITIONAL STOPS ON SIGNAL. No. 15—Any Station to discharge passengers from Ashland and points beyond
No. 29—Mullen and Merritt to discharge passengers from points east of Woodland.

ADDITIONAL STATIONS:—Riz-146.0.

Eastward. **FROM SAN FRANCISCO.** **TOWARD SAN FRANCISCO.** Westward.

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS 234 Oroville Way Freight	THIRD CLASS 232 Knights Landing Way Freight	SECOND CLASS 542 Oroville MOTOR	SECOND CLASS 536 Oroville MOTOR	Distance from San Francisco		Time Table No. 109 June 27, 1920 STATIONS	Distance from Oroville	SECOND CLASS 541 Oroville and Sacramento MOTOR	SECOND CLASS 539 Oroville and Sacramento MOTOR	FOURTH CLASS 233 Knights Landing Way Freight	FOURTH CLASS 235 Oroville Way Freight
	Lv. Tuesday Thursday and Saturday	Lv. Daily Ex. Sunday	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Ar. Daily Ex. Sunday	Ar. Tuesday, Thursday and Saturday
68 TPW		5.00AM	6.40PM	8.35AM	84.9	DR	**WOODLAND** 2.3	63.0	s 8.20AM	s 6.32PM	11.00AM	
16			f	f	87.2		GARIC 0.5	60.7	f	f		
23			f 6.55	f 8.43	87.7		PEART 1.7	60.2	f 8.14	f 6.20		
29 Spur			f	f	89.4		LAUGENOUR 0.7	58.5	f	f		
19			f 7.05	f 8.49	90.1		CURTIS 2.3	57.8	f 8.09	f 6.12		
4 Spur			f	f	92.4		CORANCO 1.6	55.5	f	f		
25 W Spur		6.00	s 7.15	s 9.00	94.0	D	KNIGHTS LANDING 1.3	53.9	s 8.02	s 6.04	10.30	
					95.3		**GRACE** 2.1	52.6				
2 Spur			f	f	97.4		BYPASS 7.8	50.5	f	f		
65			f 7.40	f 9.29	105.2		CHANDLER 2.3	42.7	f 7.37	f 5.42		
29			f	f 9.35	107.5		MARCUSE 2.0	40.4	f 7.32	f 5.37	9.35	
4 Spur			f	f	109.2		WILSON 2.2	38.4	f	f		
19 W		7.25	s 7.58	s 9.44	111.4		TUDOR 1.0	36.5	s 7.25	s 5.29		
8			f	f 9.46	112.4		ABBOTT 3.4	35.5	f 7.22	f 5.27		
31			f 8.10	f 9.53	115.8		OSWALD 1.9	32.1	f 7.15	f 5.20		
32			f 8.15	f 9.56	117.7		BOGUE 2.7	30.2	f 7.11	f 5.16		
19 I		8.30	s 8.25	s 10.01	120.4	D	YUBA CITY S. N. R. R. Crossing 1.4 W. P. R. R. Crossing	27.5	s 7.05	s 5.10	8.30	
Yard			s 8.30	s 10.05	121.8		E STREET, MARYSVILLE 0.6	26.1	s 7.00	s 5.05		
Yard WOP	7.00AM	9.00AM	s 8.40 10.10	s 10.10 10.30	122.4	DNR	**MARYSVILLE** 1.0	25.5	6.55 s 6.40	5.00 s 4.30	8.00AM	10.00AM
Yard IFYP			10.15	10.35	123.4 122.7		**BINNEY JUNCTION** 3.8	24.6 25.2	6.32	4.25		
3 Spur			f	f	126.5		MELLO 4.2	21.4	f	f		
19			f 10.28	f 10.48	130.6		RAMIREZ 1.1	17.2	f 6.20	f 4.15		
8 Spur			f	f	131.7		MISSION 3.3		f	f		
15 P			s 10.36	s 10.56	135.0		HONCUT 6.6	12.9	s 6.13	s 4.05		
14			f 10.47	f 11.07	141.6		HEARST 0.9	6.3	f 6.02	f 3.53		
35 P			s 10.49	s 11.09	142.5		PALERMO 2.5	5.4	s 6.00	s 3.50		
27			f 10.54	f 11.14	145.0		VILLA VERONA 2.9	2.9	f 5.55	f 3.45		
Yard WTP	8.15AM		s 11.00PM	s 11.20AM	147.9	DR	**OROVILLE**	0.0	5.50AM	s 3.40PM		8.45AM
	Ar. Tuesday Thursday, and Saturday	Ar. Daily Ex. Sunday	Arrive Daily	Arrive Daily			(63.0)		Leave Daily	Leave Daily	Lv. Daily Ex. Sunday	Lv. Tuesday, Thursday and Saturday
	(1.15)	(4.00)	(2.50)	(2.25)			Time over District		(2.15)	(2.27)	(3.00)	(1.15)
	20.40	9.37	22.23	26.06			Average speed per hour		28.00	25.07	12.50	20.40

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Howard Spur leading from Peart to Howard 1.9 miles.
Engines must not go on trestle, Swayne Lumber Co. Spur, Oroville.

Marysville Yard—See trains on pages 6 and 7.

Passenger trains will stop on flag at road crossing at Marcuse instead of opposite Hotel.

ADDITIONAL STOPS ON SIGNAL { Nos. 541, 542, 536 and 539, G Street, Marysville.
Saccarus, Vernon, Coulter, Lee, Messick, Coxlane and Baggett.

ADDITIONAL STATIONS:—Saccarus-Mile Post 89.7,-Vernon 98.7,-Coulter 101.8, Lee 102.7,-Messick 114.5, Coxlane 139.2,-Baggett 146.5.

Eastward. FROM SAN FRANCISCO. TOWARD SAN FRANCISO. Westward.

Length of Sidings in cars and location of Scales, Fuel, Water, Wyes and Interlocking Plants.	THIRD CLASS	SECOND CLASS	FIRST CLASS	Distance from San Francisco	Time Table No. 109 June 27, 1920 STATIONS	Distance from Sheffield	FIRST CLASS	SECOND CLASS	THIRD CLASS
W				95.3	**GRACE**	16.5			
					0.8				
				96.1	CUNARD	15.7			
					0.8				
				96.9	**MARCHANT**	14.9			
					1.5				
				98.4	MACKERT	13.4			
					2.0				
				100.4	MADDOCK	11.4			
					1.3				
				101.7	SEYMOUR	10.1			
					3.4				
				105.1	SUBACO	6.7			
					2.1				
				107.2	PELGER	4.6			
					2.1				
				109.3	EVERGLADE	2.5			
					1.9				
				111.2	HINSDALE	0.6			
					0.6				
				111.8	**SHEFFIELD**	0.0			
					(17.8)				

.................Time over District.................

.................Average speed per hour.................

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Maximum speed of any train at any point must not exceed 30 miles per hour.

Eastward. FROM SAN FRANCISCO. TOWARD SAN FRANCISCO. Westward.

Length of Sidings in cars and location of Scales, Fuel, Water, Wyes and Interlocking Plants.	THIRD CLASS	SECOND CLASS	FIRST CLASS	Distance from San Francisco	Time Table No. 109 June 27, 1920 STATIONS	Distance from Karnak	FIRST CLASS	SECOND CLASS	THIRD CLASS
				96.9	**MARCHANT**	2.8			
					1.0				
				97.09	ENSLEY	1.8			
					1.8				
				99.7	**KARNAK**	0.0			
					(2.8)				

.................Time over District.................

.................Average speed per hour.................

Westward trains are superior to trains of the same class in the opposite direction. See Rule 72.

Maximum speed of any train at any point must not exceed 30 miles per hour.

Eastward FROM SAN FRANCISCO TOWARD SAN FRANCISCO WESTWARD

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS			FIRST CLASS				Distance from San Francisco	Time Table No. 109	Distance from Wyo	FIRST CLASS					THIRD CLASS		
			368 Way Freight				130 Passenger		June 27, 1920		129 Passenger					367 Way Freight		
			Leave Daily Ex. Sunday				Leave Daily		STATIONS		Arrive Daily					Arrive Daily Ex. Sunday		
Yard			10.00AM				12.30PM	108.3	DR **HARRINGTON** 4.0	72.1	s 10.50AM					1.20PM		
40			**10.37**				s 12.40	112.3	COLLEGE CITY 3.7	68.1	s **10.37**					1.05		
33			10.55				f **12.50**	116.0	GRAINO 4.8	64.4	f 10.27					**12.50**		
101			11.10				s 1.01	120.8	GRIMES 3.6	59.6	s 10.12					12.20		
30			11.35				f 1.10	124.4	SYCAMORE 4.4	56.0	f 10.02					12.05PM		
35			**11.50AM**				f 1.20	128.8	DOLAN 4.2	51.6	f 9.50					**11.50AM**		
97			12.30PM				s 1.50	133.0	D COLUSA 10.2	47.4	s 9.40					11.20		
50			1.10				f 2.16	143.2	STEGEMAN 2.7	37.2	f 9.04					10.30		
39 W			1.25				s 2.22	145.9	PRINCETON 4.5	34.1	s 8.58					10.15		
33			1.50				f 2.33	150.4	RASOR 5.2	30.0	f 8.47					9.50		
64			2.20				f 2.48	155.6	GLENN 6.5	24.8	f 8.32					9.30		
40			2.45				f 3.04	162.1	ORDBEND 3.8	18.3	f 8.16					9.10		
33			**3.15**				s **3.15**	165.9	ROTAVELE 4.1	14.5	f 8.06					8.50		
Yard WS			3.55				s 3.30	170.0	D HAMILTON 8.6	10.4	s 7.50					8.30		
			4.25				f 3.55	178.6	CORY 1.8	1.8	f 7.25					8.10		
42 PY			4.35PM				s 4.00PM	180.4	**WYO**	0.0	7.20AM					7.45AM		
			Arrive Daily Ex. Sunday				Arrive Daily		72.1		Leave Daily					Leave Daily Ex. Sunday		
			(6.35)				(3.30)		Time over District		(3.30)					(5.35)		
			10.93				20.57		Average speed per hour		20.57					12.89		

Westward trains are superior to trains of the same class in the opposite direction.

Maximum speed of any train at any point must not exceed Twenty Five (25) miles per hour

ADDITIONAL STATIONS: Nadine-Spur 157.0

ADDITIONAL STOPS ON SIGNAL: Nos. 129 and 130 at First Road Crossing West of Colusa.

Eastward. FROM SAN FRANCISCO. | TOWARD SAN FRANCISCO. Westward.

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants	THIRD CLASS	SECOND CLASS	FIRST CLASS						FIRST CLASS		SECOND CLASS		THIRD CLASS
	264 Way Freight		62 Fair Oaks and Placerville Passenger	520 Fair Oaks and Placerville MOTOR	Distance from San Francisco		Time Table No. 109 June 27, 1920 STATIONS	Distance from Placerville	61 Fair Oaks and Sacramento Passenger		531 Fair Oaks and Sacramento MOTOR		265 Way Freight
WFTYOP	Leave Daily Ex. Sunday		Leave Daily	Leave Daily					Arrive Daily		Arrive Daily		Arrive Daily Ex. Sunday
	6.30AM		3.05PM	7.45AM	88.8	DNR	**SACRAMENTO** 0.5	59.9	s 9.50AM		s 3.05PM		1.50PM
					89.3		S. N. R. R. Crossing 0.3	59.4					
				7.50	89.6		JCT. SWITCH, R STREET 0.1	59.1					
					89.7		S. N. R. R. Crossing Western Pacific Crossing 0.5	59.0					
I					90.2		Central California Traction Crossing 0.6	58.5					
I	Via Elvas		Via Elvas		90.8		Western Pacific Crossing 1.2	57.9					
					92.0		S. N. R. R. Crossing 0.3	56.7	Via Elvas		Via Elvas		Via Elvas
Yard				f 7.57	92.3		HOMESTEAD 2.4	56.4					
89 WP	6.50		s 3.20	s 8.05	94.7	DNR	**BRIGHTON** S. P. Crossing. 0.8	54.0	s 9.35		s 2.50		1.25
7 Spur			f	f	95.5		RAMONA 0.4	53.2			f		
29	6.55		s 3.23	f 8.08	95.9		PERKINS 1.6	52.8	s 9.31		f 2.45		1.15
9			f	f	97.5		MANLOVE 1.4	51.2	f		f		
81	7.05		s 3.28	f 8.16	98.9		MAYHEW 1.8	49.8	s 9.25		f 2.39		12.50
8			f	f	100.7		ROUTIER 0.9	48.0	f		f		
23	7.20		s 3.33	s 8.22	101.6	D	MILLS 1.8	47.1	s 9.20		s 2.34		12.35
35	7.30		f 3.36	f 8.28	103.4		CORDOVA 1.0	45.3	f 9.17		f 2.30		12.20
35	7.35 8.20		s 3.39 3.52	s 8.32 8.45	104.4	R	**CITRUS** 3.0	44.3	s 9.15 9.02		2.27 s 2.15		12.15PM 11.20AM
18	8.32		f 3.57	f **8.57**	107.4		NIMBUS 0.9	41.3	f **8.57**		f 2.10		11.05
31			f	f 9.00	108.3		ALDER CREEK 1.8	40.4	f 8.53		f		
25	8.48		f 4.03	f 9.05	110.1		NATOMA 1.0	38.6	f **8.48**		f 2.05		10.52
25 WY	9.00 10.45		s 4.13	s **9.15**	111.1	D	**FOLSOM** 6.9	37.6	s 8.45		s 2.00		**10.45**
9	11.10		f 4.30	f 9.34	118.0		WHITE ROCK 5.1	30.7	f 8.27		f 1.37		10.25
9 Spur	11.30		f 4.44	f 9.47	123.1		COTHRIN 3.0	25.6	f 8.15		f 1.28		10.10
15	11.50		s 4.53	s **9.55**	126.1	D	LATROBE 1.5	22.6	s 8.09		s 1.23		**9.55**
4 Spur			f	f	127.6		FLONELLIS 0.2	21.1	f		f		
3 Spur					127.8		SWIFT 0.3	20.9					
9 Spur	11.59AM		f 5.00	f 10.02	128.1		BRELA 1.7	20.6	f 8.04		f 1.19		9.25
6 Spur	12.10PM		f 5.04	f 10.07	129.8		BRANDON 1.6	18.9	f 8.00		f 1.15		9.20
6	12.20		f 5.08	f 10.11	131.4		DUGAN 0.3	17.3	f 7.57		f 1.12		9.15
4 Spur			f	f	131.7		BULLARD 2.3	17.0	f		f		
2 Spur	12.35		f 5.15	f 10.17	134.0		BENNETT 2.9	14.7	f 7.51		f 1.06		9.00
27	1.00		s 5.25	s 10.25	136.9		SHINGLE SPRINGS 3.5	11.8	s 7.45		s **1.00**		8.40
6 Spur	1.20		f 5.34	f 10.33	140.4		CUMMINGS 2.3	8.3	f 7.37		f 12.52		8.20
32	1.30		s 5.42	s 10.41	142.7		EL DORADO 2.3	6.0	s 7.31		s 12.46		8.02
23	1.45		s 5.50	s 10.50	145.0	D	**DIAMOND SPRINGS** 2.7	3.7	s 7.25		s 12.40		7.45
6 Spur					147.7		APEX 1.0	1.0					
Yard WT	2.00PM		s 6.00PM	s 11.00AM	148.7	DR	**PLACERVILLE**	0.0	**7.15AM**		12.30PM		**7.25AM**
	Arrive Daily Ex. Sunday		Arrive Daily	Arrive Daily			(59.9)		Leave Daily		Leave Daily		Leave Daily Ex. Sunday
	(5.00)		(2.42)	(3.02)			Time over District		(2.22)		(2.23)		(5.30)
	12.00		22.22	19.74			Average speed per hour		25.31		25.13		10.89

Westward trains are superior to trains of the same class in the opposite direction—See Rule 72.

For Fair Oaks Branch trains, see page 14.
For trains of the Sacramento-Walnut Grove line, **Sacramento and Junction Switch R Street, see page 14.** Water—One mile east of Dugan.
ADDITIONAL STATIONS:—Winery,—Mile Post 91.3,—East Lawn 93.0,—Brown 97.0,—Alden 98.0,—Bradshaw 99.8,—Boyd 100.3,—Soudan 103.7,—Salsbury 105.2,—Carpenter 114.5,—Maltby 119.4,—Harvey 121.7—Limestone 133.5

ADDITIONAL STOPS ON SIGNAL.

All trains Soudan, Maltby, Harvey, Bradshaw, Salsbury, Alden, Carpenter and Limestone.
No. 520, Third, Tenth, Twenty-first and Twenty-eight Streets, Sacramento and East Lawn.
Nos. 531 and 520 Boyd.

Eastward. **FROM SAN FRANCISCO** **TOWARD SAN FRANCISCO.** **Westward.**

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS		FIRST CLASS				Distance from San Francisco		Time Table No. 109 June 27, 1920	Distance from Fair Oaks	SECOND CLASS				FOURTH CLASS	
	272	270	68	512	66	504			STATIONS		503	67	511	69	271	273
	Way Freight	Way Freight	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks MOTOR					Fair Oaks MOTOR	Fair Oaks Passenger	Fair Oaks MOTOR	Fair Oaks Passenger	Way Freight	Way Freight
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
35 P	11.20AM	7.40AM	3.39PM	2.15PM	9.02AM	8.32AM	104.4	R	**CITRUS** 1.0	1.9	s 8.45AM	s 9.15AM	s 2.27PM	s 3.52PM	8.20AM	12.15PM
10 Spur				f	f	f	105.4		HOLLY 0.9	0.9	f	f	f			
15 PT	11.30AM	7.50AM	s 3.44PM	s 2.20PM	s 9.07AM	s 8.37AM	106.3	DR	**FAIR OAKS**	0.0	8.40AM	9.10AM	2.22PM	3.47PM	8.10AM	12.05PM
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(1.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	(0.10) 11.40	(0.10) 11.40	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80			..........Time over District.......... ....Average speed per hour..........		(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.05) 22.80	(0.10) 11.40	(0.10) 11.40

Eastward. **From San Francisco.** Toward San Francisco. **Westward.**

Length of sidings in cars, and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	THIRD CLASS	FIRST CLASS	Distance from San Francisco		Time Table No. 109 June 27, 1920	Distance from Fruto	SECOND CLASS	FOURTH CLASS
		266			STATIONS		267	
		Fruto Mixed					Willows Mixed	
		Leave Daily Except Sunday					Arrive Daily Except Sunday	
64 WFY		9.00AM	149.9	DNR	**WILLOWS** 2.4	17.0	s 11.10AM	
7 Spur		f	152.3		LOSA 3.5	14.6	f	
20		f 9.20	155.8		KURAND 3.8	11.1	f 10.55	
10		f 9.35	159.6		MILLSHOLM 4.0	7.3	f 10.40	
9		f 9.50	163.6		ATHENA 3.3	3.3	f 10.25	
19 T		s 10.00AM	166.9	R	**FRUTO**	0.0	10.10AM	
		Arrive Daily Except Sunday			(17.0)		Leave Daily Except Sunday	
		(1.00) 17.00			..........Time over District.......... ....Average speed per hour..........		(1.00) 17.00	

Eastward. FROM SAN FRANCISCO. TOWARD SAN FRANCISCO. **Westward.**

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants	THIRD CLASS	FIRST CLASS		Distance from San Francisco		Time Table No. 109 June 27, 1920	Distance from Walnut Grove	SECOND CLASS		FOURTH CLASS
	238	534	532			STATIONS		533	535	239
	Way Freight	Walnut Grove MOTOR	Walnut Grove MOTOR					Sacramento MOTOR	Sacramento MOTOR	Way Freight
	Leave Tues. and Friday Only	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Tues. and Friday Only
Terminal Yard W.F.T.Y.O.P.	4.30PM	4.15PM	7.30AM	88.8	DNR	**SACRAMENTO** 0.5	24.6	s 10.00AM	s 6.35PM	8.40PM
Yard				89.3		S. N. R. R. Crossing 0.3	24.1			
Yard P	4.40	4.20	7.35	89.6		JCT. SWITCH R STREET 2.2	23.8	9.53	6.28	8.25
Yard	4.45	f 4.25	f 7.40	91.8		BATHS 2.4	21.6	f 9.48	f 6.23	8.15
60	4.50	f 4.30	f 7.45	94.2		DEL RIO 3.3	19.2	f 9.43	f 6.17	8.10
60	5.00	s 4.37	s 7.52	97.5		FREEPORT 7.8	15.9	s 9.33	s 6.10	8.00
66 P	5.52	s 4.55	s 8.10	105.3		HOOD 4.0	9.5	s 9.13	s 5.52	7.45
55	6.20	f 5.10	f 8.25	107.9		LAMBERT 3.3	5.5	f 9.01	f 5.40	7.20
No Siding	6.30	f 5.15	f 8.30	111.2		MOFUBA 2.2	2.2	f 8.55	f 5.35	7.10
61 PWY	6.40PM	s 5.20PM	s 8.35AM	113.4	DR	**WALNUT GROVE**	0.0	8.45AM	5.30PM	7.00PM
	Arrive Tues. and Friday Only	Arrive Daily	Arrive Daily			(24.6)		Leave Daily	Leave Daily	Leave Tues and Friday Only
	(2.10) 11.35	(1.05) 22.70	(1.05) 22.70			..........Time over District.......... ....Average speed per hour..........		(1.15) 19.68	(1.05) 22.70	(1.40) 14.76

For Sacramento-Placerville trains via R Street, see page 13.

Time at Walnut Grove applies at Station building.

Telephone at Junction Switch R Street—Walnut Grove trains using main track from R Street to Sacramento passenger station will ask for instructions from Dispatcher regarding overdue first class trains.

Westward trains are superior to trains of the same class in opposite direction. See Rule 72.

ADDITIONAL STOPS ON SIGNAL. {All schedule trains at Front and M Streets, Pocket, Content, Cronin, Mosher, Acacia, Locke and Rosebud.

ADDITIONAL STATIONS: Charles Mile Post 93.0; Pocket 96.4; Content 98.9; Cronin 100.1; Mosher 100.9; Acacia 102.6; Rosebud 103.3; Locke and Walnut Grove Wharf 112.6.

SACRAMENTO YARD—INBOUND, VIA ELVAS.

Trains moving from Brighton to Elvas are Eastward, and Elvas to Sacramento Westward.

Time Table No. 109 June 27, 1920		Distance from Brighton	5	13	24	47	256	9	33	61	19	254	122	1	265	32	23	21	531	286	219	124	27	209	38
			San Francisco Passenger	San Francisco Express	Tonopah Express	El Dorado	Sunset Manifest	Fast Mail	Sacramento Passenger	Sacramento Passenger	Pacific Limited	Ogden Manifest	Sacramento Passenger	Overland Limited	Way Freight	Sacramento Express	Tonopah Express	The Statesman	Sacramento MOTOR	Way Freight	Freight	Sacramento Passenger	Sacramento Passenger	Colfax S. F. Passenger	Stockton Sacramento Passenger
STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Except Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	6.0	3.20AM	4.20AM	7.00AM	8.05AM		8.55AM	9.15AM	9.50AM	10.25AM		12.40PM	1.25PM		2.30PM	2.45PM	3.00PM	3.05PM			6.10PM	6.15PM	6.20PM	9.55PM
	12TH STREET 2.0	5.0													1.50PM					3.30PM	6.00PM				
	ELVAS 3.0	3 0	3.10AM	4.10AM	6.50	7.55AM	8.30AM	8.45AM	9.05AM	9.40	10.10AM	11.10AM	12.30	1.15PM	1.35	2.17	2.35PM	2.50PM	2.55	3.20	5.45PM	6.00	6.05PM	6.10PM	9.45
	DNR **BRIGHTON** (Double Track)	0.0			6.42AM		7.50AM			9.35AM		10.25AM	12.23PM		1.25PM	2.10PM			2.50PM	3.10PM		5.52PM			9.37PM
	(6.0)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Lv. Daily Except Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily

SACRAMENTO YARD—OUTBOUND, VIA ELVAS.

Trains moving from Sacramento to Elvas are Eastward and Elvas to Brighton Westward.

Time Table No. 109 June 27, 1920		Distance from San Francisco	16	257	10	264	285	210	28	253	222	31	24	22	2	37	14	62	34	20	121	223	48	6
			Oregon Express	Sunset Manifest	Express	Way Freight	Way Freight	The Newsboy	Sacramento Gerber Passenger	Ogden Manifest	Portland Fast Freight	Stockton San Francisco Passenger	Tonopah Express	Dunsmuir Passenger	Overland Limited	Stockton Passenger	Portland Express	Placerville Passenger	Colfax Passenger	Pacific Limited	Stockton Passenger	Tracy Freight	El Dorado	Atlantic Express
STATIONS			Leave Daily	Leave Daily	Leave Daily	Lv. Daily Except Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Automatic Block	DNR **SAC.** PASS. STA. 1.0	88.8	12.30AM		1.30AM			7.30AM	8.30AM			9.20AM	11.00AM	11.10AM	12.40PM	2.05PM	2.15PM	3.05PM	3.45PM	4.55PM	5.00PM		8.20PM	10.15PM
	12TH STREET 2.0	89.8				6.30AM	7.25AM				8.40AM											7.30PM		
	ELVAS 3.0	91.8	12.40AM	1.00AM	1.40AM	6.40	7.35	7.40AM	8.40AM	8.35AM	9.00AM	9.30	11.10AM	11.20AM	12.50PM	2.15	2.25PM	3.15	3.55PM	5.05PM	5.10	7.40	8.30PM	10.25PM
	DNR **BRIGHTON** (Double Track)	94.8		1.25AM		6.50AM	7.50AM			8.45AM		9.35AM				2.20PM		3.20PM			5.15PM	7.55PM		
	(6.0)		Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Except Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily

For trains running via R Street, see pages 11 and 12.

Time Table superiority of schedule trains and train order rights of all trains apply to end of double track at Brighton.

Eastward. FROM SAN FRANCISCO — TOWARD SAN FRANCISCO Westward.

FIRST CLASS — SECOND CLASS

Length of sidings in cars and location of Scales, Fuel, Water, Turning Stations and Interlocking Plants.	600 Mixed Leave Daily Ex. Sunday	Distance from San Francisco	Time Table No. 109 June 27, 1920	STATIONS	Distance from Stirling City	601 Mixed Arrive Daily Ex. Sunday
Yard FYOW	7.00AM	184.2	DN	**CHICO** 2.4	31.2	s 2.40PM
No Siding	f	186.6		S. N. R. R. Crossing 1.7	28.8	f
No Siding	f	188.3		BUTTE CREEK 1.0	27.1	f
		189.3		DREDGE 3.3	26.1	
18	f	192.6		CROUCH 4.0	22.8	s
No Siding	f	196.6		OAKDALE FARMS 1.6	18.8	f
21 W	s 8.05	198.2		PARADISE 1.4	17.2	s 1.27
2 Spur	f	199.6		OSTRANDER 0.6	15.8	f
2 Spur	f	200.2		WAGSTAFF 2.0	15.2	f
3 Spur	f	202.2		OPTIMO 1.0	13.2	f
12	s 8.40	203.2		MAGALIA 0.7	12.2	s 12.53
7 Spur	f	203.9		MARTIN 2.3	11.5	f
3	s 9.00	206.2		APPLETON 0.9	9.2	s 12.35
7 Spur	f	207.1		LUCE 2.9	8.3	f
10 (Spur) W	s 9.18	210.0		DOON 5.4	5.4	s 12.15PM
Yard Y	s 9.45AM	215.4	DR	**STIRLING CITY**	0.0	11.45AM
	Arrive Daily Ex. Sunday			(31.2)		Leave Daily Ex. Sunday
	(2.45)			Time over District		(2.55)
	11.34			Average speed per hour		10.69

Westward trains are superior to trains of the same class in the opposite direction—See Rule 72.

Emergency water supply, Stirling City. For main line trains see pages 6 and 7.

ADDITIONAL STOPS ON SIGNAL: Barber (Chico yard). Mile Post. 185.1—

EXTRA TRAINS MAY PASS OR RUN AHEAD OF THIRD AND FOURTH CLASS TRAINS AND FOURTH CLASS TRAINS AHEAD OF THIRD CLASS TRAINS WITHOUT AN ORDER TO DO SO.

STANDARD CLOCKS.

Sacramento, Telegraph Office, Twelfth Street, and Roundhouse.
Roseville, Yard Office and Roundhouse.
Colfax.
Blue Canon.
Truckee.
Sparks.
Gerber.
Willows.
Placerville.
Orland
Oroville.
Marysville.
Chico.

WATCH INSPECTORS.

H. T. Harger, Sacramento.
H. T. Harger, Roseville.
W. R. Adams, Sparks.
O. W. Halstead, Oroville.
P. Engle, Marysville.
W. Dupen, Chico.
E. W. Wright, Willows.
F. A. Barss, Placerville.
B. S. Witham, Colfax.

BULLETIN BOARDS.

Sacramento, Telegraph Office, Yard Office Twelfth Street.
Roseville, Yard Office.
Colfax.
Blue Canon.
Summit.
Sparks.
Chico.
Gerber.
Truckee.
Marysville.
Willows.
Orland
And Roundhouses.

Rule 1 CLEARANCES.

Rule 83-A will not apply at initial stations which are not telegraph stations nor at telegraph stations except when operator is on duty.

(a) All trains will obtain Clearance Card (Form 2643) at Marysville, Colfax, Blue Canon, Truckee and Folsom when operator is on duty.

(b) Trains originating Twelfth Street, Sacramento, via Elvas-Brighton, proceed to Brighton without obtaining clearance card. Freight trains and light engines between Roseville and Sacramento, and freight trains and light engines to and from Western Division will obtain their clearance and orders at Telegraph Office, Sacramento.

(c) That part of third paragraph of Rule 221-A of "Rules and Regulations" of the Transportation Department reading—

"But trainmen will re-light the signal" is hereby cancelled.

Rule 2 REGISTERING.

Nos. 53 and 54 register by ticket at Willows, Orland and Tehama, when operator on duty.

(a) Trains originating and terminating 12th Street at Sacramento, also eastward freight trains from Western Division, will register at 12th Street, Sacramento.

Freight trains register at Roseville yard office.

First class trains register by ticket at Roseville yard office.

First class trains of the Roseville-Gerber line register at Roseville Passenger Station.

(b) Trains originating and terminating at Chico will register at that station.
Trains originating and terminating at Dunnigan, will register at that station.
Trains originating and terminating at Harrington will register at that station.
Trains originating and terminating at Orland will register at that station.

(c) At registering stations on single track, or at the end of double track when passing from single to double track, where trains are permitted to register by registering ticket as per Rule 83-B, conductors and telegraphers, or telephone operators, must comply with Rule 96, the same as at non-registering stations.

(d) Train register has been placed at Junction switch, Folsom:

Trains that are required to go to Folsom, will on return to the Junction register the same information as shown on register at Folsom station.

Trains originating and terminating at Folsom will register the same information on register at Junction as shown at Folsom station.

This for the information of trains passing this Junction that are not otherwise required to go to Folsom station.

Rule 3 TRAIN AND AIR INSPECTION.

PASSENGER TRAINS.—Rear end brake and air signal test must be made by trainmen at SUMMIT, BLUE CANON, STIRLING CITY and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

(a) FREIGHT TRAINS.—Rear end brake test must be made by trainmen at SUMMIT, BLUE CANON, STIRLING CITY and PLACERVILLE; also at any other point where brake pipe has been separated. Test to be made just prior to leaving.

(b) ALL TRAINS.—Test to be made as follows: Engineers make a reduction from brake valve then sound one blast of the steam whistle, of sufficient length and volume only to reach the rear of the train, will be notice to trainmen that enginemen are ready for air brake test to be made.

(c) Trainmen will then make a service reduction of brake pipe pressure, from the last car, of not less than twenty pounds. Engineer on the lead engine will, with brake valve on lap, watch for fall of pressure on air gauge to indicate that air has been applied; after which brakes will be released in the usual manner.

(d) ON PASSENGER TRAINS, when a stop is made, and not before, trainmen will turn down retainers, one man working from head end, and another from the rear, until they meet; then immediately turning them up on return movement.

(e) Engineer will release the train brakes as soon as stop is made.

When all retainers have been turned down, rear brakeman will notify the engineer by one blast of the signal whistle.

(f) All available retainers on passenger and freight trains will be used as follows:
Eastward trains, Summit to Truckee.

(g) Westward trains { Summit to Long Ravine Bridge.
New England Mills to Loomis.
Stirling City to Butte Creek.

(h) Cars will not be handled ahead of engine at any point between Stirling City and Chico on westward trip.

(i) Two engines must not be coupled together on Stirling City branch. Helper engines must be cut back in train.

(j) Between Roseville and Tehama, and between Davis and Tehama, after making a continuous run of twenty-five (25) miles freight trains must be stopped and inspection made of running gear, wheels, etc.

Between other points on division after making a continuous run of thirty (30) miles, freight trains must be stopped and inspection made of running gear, wheels, etc., as per Rule 820.

(l) Freight trains on descending grade will make a stop of ten minutes at the following stations, where trainmen will make a careful inspection of all cars and permit wheels to cool:

Floriston.
Andover.
Summit.
Spruce.
Crystal Lake.
Blue Canon.
Towle.
Colfax.
Flint.
Latrobe.

Westward freight trains, 5 minutes at Midas.

(m) All eastward and westward freight trains will make running test of the airbrakes before pitching over grade at Summit. To avoid breaking train in two it must be brought to a stop after air brake test has been made. If engineer fails to make the stop, trainmen will do so by applying air from rear of train and report the occurrence by wire.

(n) All westward freight trains will make a stop at Lake View. After stopping, engineer will make a service brake pipe reduction of 15 pounds, lapping the brake valve, then call for the plug. After receiving same charge brake pipe to maximum pressure. then proceed.

After the plug test of air has been made by Eastward freight trains at Summit, it will not be necessary to make additional stop in tunnel No. 6 but trainmen will be required to watch Eastward Freight trains out of Summit at west end of tunnel No. 6.

(o) Westward trains except passenger trains stop 5 minutes at Doon, 10 minutes at Paradise and Crouch for inspection and cooling wheels. Passenger trains stop at Paradise 5 minutes to cool wheels.

(p) Retainers on cars set out in territory where they are used, must be turned down by incoming crew. This does not relieve outgoing crews from ascertaining that retainers are in proper position.

(q) Conductors will report to Superintendent by wire any failure to properly control train by air brakes, and will hand to car inspector at first terminal list showing tonnage of each car in train. Car Inspector will add to list the piston travel of each car in train, as shown by test made before road engine is cut off; also result of three-minute test of all retainers. The list then to be forwarded to Superintendent by mail.

(r) Whenever train handles improperly on descending grade, hand brakes must be used and car repairers at terminal advised promptly by wire, stating trouble in detail in order inspectors may investigate on arrival of train, also send copy such telegram to Superintendent.

(s) Light engines on descending grades will stop at regular freight train inspection stations for inspection of engine and to permit heat of tires to equalize with wheel centers to avoid tires slipping.

(t) Air whistle signal will be used in making running test leaving Roseville yard on westward passenger trains to afford enginemen opportunity to devote their entire attention to track ahead.

(u) Air plugs must be used on all freight trains operating between Sparks and Roseville. These plugs will be handled by carmen at Sparks and Roseville; but must be applied and removed when necessary by trainmen at intermediate stations.

Rule 4 USE OF "19" FORM TRAIN ORDER FOR RESTRICTING TRAINS WITHIN AUTOMATIC BLOCK SIGNAL LIMITS.

Within automatic block signal limits, the note under Rule 211 is modified as follows:

(a) Form "19" train order may be issued to restrict the superiority of a train, except that Form "31" must be used:

(1) When orders are delivered at a non-telegraph or closed telegraph station. (See Rule 217.)
(2) When necessary to restrict a train which has been cleared or the engine of which has passed train order signal. (See Rule 219.)
(3) When issuing an order Form "G," Example 3.
(4) When giving a train right over all trains.
(5) When reducing a time order where necessary that dispatcher have signature of superior trains before completing order to an inferior train.

(b) Operator will fill out clearance, designating thereon numbers of orders, repeat to dispatcher train and order numbers as they appear on clearance and obtain O. K. with time and Superintendent's initials, writing same before delivery in blank space where time is shown. Operator will retain carbon copy of clearance. This paragraph applies to territory outside of block signal limits also.

(c) Dispatcher must write train and order numbers in his train order book as transmitted by operator from clearance, and must designate time clearance was made O. K., not transmitting O. K. unless operator repeats numbers of all orders to be delivered to the train to which clearance is addressed.

(d) When a "19" order restricting superiority is issued at a station where superiority is restricted, train must be stopped by operator before delivery of order.

(e) Conductor's and engineer's attention is called to the importance of approaching at a moderate rate of speed, telegraph offices where orders are to be received. Also to the necessity of carefully checking clearance to ascertain positively that clearance is properly addressed and that orders received are those called for by clearance.

(f) Rule 251 is amended to read as follows:

In transmitting train orders by telephone, the names of stations must be plainly pronounced, and then spelled letter by letter, thus: Aurora, A-u-r-o-r-a; all numerals must first be pronounced, and then followed by spelling, thus: 1-0-5, O-n-e N-a-u-g-h-t F-i-v-e. The train dispatcher must write the order as he transmits it and underscore it as it is being repeated. The letters duplicating names of stations and numerals will not be written in the order book nor upon train orders.

Rule 5 AUTOMATIC SIGNALS.

Rule 504 is amended as follows:

When a train is stopped by a block signal, it may proceed when the signal indicates proceed.

On **SINGLE TRACK.** Send a flagman in advance immediately, wait at least five minutes after the flagman has started, and then follow the flagman to the next distant or home block signal, in proceed position, or if the next distant or home block signal in advance is in plain view and in proceed position, and track ahead is seen to be clear, proceed under control, not exceeding six miles per hour. Flagman need precede train only to a point where the track ahead is seen to be clear to the next distant or home block signal in proceed position, but train will not exceed six miles per hour to such block signal.

On **DOUBLE TRACK,** a train may proceed immediately running under control, not exceeding six miles per hour, to the next distant or home block signal in advance, except that a flagman must precede the train when view is obscured by weather conditions, tunnels, or other obstructions.

(a) A train stopped at home signal on account of opposing train which can be seen taking siding, may immediately proceed at speed not exceeding six miles per hour, to fouling point, provided track is seen to be clear to the fouling point.

(b) When a train which is to take siding is stopped by home signal at meeting point at which opposing train is standing on the main track, it may proceed immediately, under control, not exceeding six miles per hour, to the entering switch, provided track is seen to be clear to that switch.

(c) When a train which is to take siding at meeting or passing point or is to enter terminal yard finds home signal other than interlocking signal in stop position on account of train to be met or passed standing on the main track, or on account of switch being lined up for receiving track, it may pass the home signal without stopping, when a trainman or switch tender is at the home signal giving proceed signals to indicate that switch is open, and may enter siding or receiving track at speed not exceeding six miles per hour, provided switch is seen to be open and track clear to fouling point of switch.

(d) When the number plate of a home block signal is reversed, showing "yellow," and signal indicates "stop," train may pass without stopping, but, unless otherwise directed by train order or bulletin, will proceed with caution, to the next signal.

(e) When light is not burning in a distant or home block signal, speed must be reduced sufficiently to enable engineman to be governed by the position of the signal blade, and to observe the number of the signal, which will be reported as having light not burning from first train order office from which report can be made without delay to train.

(f) Flagman preceding a train stopped by a block signal will watch carefully for broken rails or other defects of track, and when trains are authorized to proceed at six miles per hour without flagman in advance, both engineman and fireman will watch carefully for such defects.

(g) Within block signal limits that portion of rules 86 and D-86 reading "but must be clear at the time a first-class train in the same direction is due to leave the next station in the rear where time is shown" is cancelled."

(h) When using cross-overs, trainmen must comply with Rule 99, on both tracks, and after switches are thrown wait five (5) minutes before moving through cross-over.

This regulation does not apply bewteen 15th Street and Sacramento River Bridge, Sacramento, and between Roseville Passenger Station and cut off at Roseville Yard office.

(i) On No. 1 track between Newcastle and Loomis, automatic block signal rules governing trains on single track will apply.

(j) When trains are stopped by automatic block signals No. 1158 west of Lincoln, No. 1173 east of Lincoln, No. 1280 west of Wheatland or No. 1291 east of Wheatland, stop, then proceed under control not exceeding six miles per hour to signal governing opposite direction.

(k) Distant signals only are operated at Whitney, Ewing, Sheridan, Ostrom, Marysville and Yuba City; these signals indicate caution position when switch is open or train occupies main track between signal and switch, or when train on siding is not into clear.

(l) When signal 889 and 901, in Sacramento yard, indicates "stop," trains will not proceed until signal has changed to "proceed" or until hand signals are given by switchtender. In foggy or stormy weather, flagman must be sent in advance of train when signal indicates "stop."

(m) Three-arm automatic block signal on No. 2 track at junction switch, Rocklin, governs the movement of eastward trains. The upper home and distant signal govern the use of No. 2 track. The lower home signal will clear only when No. 4 track is clear and switch lined up for movement to Loomis on No. 4 track.

(n) Caution disc signals located 2000 feet east of east switch and 2000 feet west of west switch at Midas and 2000 feet east of east switch at Gold Run and on signal pole 1530 near west switch Gold Run, controlled by operators, will govern movement of trains as follows:

When showing yellow disc or yellow light; take siding.
When showing white disc or green light; proceed if train orders or schedule permit.

(o) Disc signal located on bridge of overhead signals east end of Truckee yard govern westward trains.

Normal indication white disc or white light.

If disc shows blue or a blue light it indicates consult with operator on telephone before entering yard.

(p) Brighton switch located 150 feet east of railroad crossing at Brighton, on Placerville Branch, will be lined for movement via Elvas. The upper arm of signal 947 governs movement to Elvas. The lower arm governs movement to R Street.

(q) Junction switch at Tehama will be normally lined for movement for Oregon main line, to and from Chico; top arm signal 2119 will govern by way of Chico; lower arm will govern west side.

Normal indication of signal 2118 will be "Proceed"; normal position of signal 2116 will be "Stop"

Trains from west side will not pass Signal 2116 until junction switch is lined for west side and be governed by Rule 504.

(r) Trains stopped by signal 2134 west end of Gerber yard wait one minute and then proceed under control.

(s) **FOLSOM LIGHT SIGNALS.**—The indications of the lights are red, "Stop," yellow, "Caution"; and green, "Proceed."

Normally no lights are shown, but upon opening a switch or car fouling main track or a train approaching on the main track, the signal ahead is automatically to the condition of the block ahead.

An eastward train approaching Natoma when the block is unoccupied, will cause signal 1104 to show a green light. If block is occupied the signal will show a red light. If the second block beyond is occupied, signal 1104 will show yellow light. Continuing on beyond signal 1104 the train will cause signal 1114 to show green light when main track beyond 1114 is unoccupied. If occupied a red light will be displayed.

The same applies to signals 1117 and 1113 respectively, in the case of a westward train leaving Folsom Station.

If signal shows a light before a train on siding or junction track has fouled the main track or before a switch has been opened, it will be understood that the signal is being lighted by another train already on main track. If the signal shows no light, but upon opening a switch a green light is displayed, the indication is that nothing is approaching from the rear and that the block ahead is clear. If upon opening a switch a red light is displayed the indication is that the block ahead is occupied.

If no light is displayed in a signal upon the approach of a train on main track or when a track switch is opened, it will indicate a signal improperly displayed.

In the event of main track being occupied or a signal being improperly displayed, trains will protect as per Rule 504.

(t) **SIGNAL 1435 EAST OF COLFAX.**—Indications are given by illuminated letters and figures as follows:

M—Hold Main Track.
X—Enter Siding at Crossover.
1—Take No. 1 Track at East Switch.
2—Take No. 2 Siding at East Switch.
3—Take No. 3 Siding at East Switch.

Rule 6 INTERLOCKING PLANTS.

(a) **SACRAMENTO RIVER BRIDGE.**—The home signal at the west end of bridge governing movement of eastward trains will stand normal position at stop and will be cleared on approach of eastward trains when circuit is clear. The home signal on the east end of bridge will stand normal position proceed. This interlocking plant is for protection of drawbridge and not for railroad crossing which is located at the east end of bridge.

(b) Trains must not stop on draw-bridge at Sacramento or Knights Landing.

(c) **SNOD GRASS SLOUGH.**—Draw-bridge located approximately two (2) miles west of Walnut Grove, on Walnut Grove Branch, interlocked.

When signal indicates STOP, trains must not move over draw-bridge, until flagman has preceded the train and ascertained that bridge is closed and track safe, between these two signals.

(d) **ELVAS.**—The home signals at the approaches do not in all cases govern through entire interlocking limits, as each home signal in the proceed position only entitles train to move to the next home signal, which may be reached before passing out of interlocking limits. Dwarf signals or short blades on three-arm signals are provided for each route not governed by a home signal and govern only to the next home or dwarf signal in advance.

Trains from Sacramento to Brighton will be governed by lower and trains from Sacramento to Roseville by upper signal. From Roseville to Sacramento by upper, and from Roseville to Brighton by lower signal. From Brighton to Sacramento by upper, and from Brighton to Roseville by lower signal.

Last paragraph Rule 630 is amended permitting towerman at Elvas to give signals from tower instead of ground.

Whistle signal governing different routes as follows:
To Roseville, one long and one short, ——— o.
To Sacramento, two long and one short, ——— ——— o.
To Brighton, two long and three short, ——— ——— o o o.
To siding, three short and two long, o o o ——— ———.
To third track, one long, one short, one long, ——— o ———.
To spur, one short, one long, o ———.

(e) **NINETEENTH STREET, SACRAMENTO.**—At crossing of R Street track with Western Pacific, all derails on approaches to the crossing and switches leading to transfer track and to industry track are operated from the tower. The top arm of the signals located one hundred (100) feet from the main track derails govern the use of main track.

The lower arm of the high signals governs the use of the transfer and industry tracks.

Trains wishing to use industry or transfer tracks will give one long, one short and one long rings on push button located on home signal cases.

(f) **HOMESTEAD.**—At crossing of 'R' Street line with Sacramento Northern Railroad. Derails and approaches to the crossing and switches leading to Libby McNeill siding, stock corral spur and east end of Pacific Gas & Electric Company siding, are operated from the tower.

Upper arm of the high signals located one hundred (100) feet from main track derails governs the main track.

Lower arms of high signals govern entrance to industry tracks.

Trains wishing to use stock corral track or east end of Pacific Gas & Electric Company siding, will give one long, one short and one long rings on push button.

Libby McNeill siding, one long and one short rings.

Main track, one ring.

(g) **NINTH STREET TOWER, MARYSVILLE.**—Crossing Western Pacific and Woodland-Oroville Branch.

(h) **BINNEY JUNCTION TOWER.**—Junction with Oroville Branch and crossing Western Pacific R. R. Whistle signals governing routes:
Main Track to or from Gerber—one long, one short: ——— o.
Main Track to or from Oroville Branch—two long, one short: ——— ——— o
Siding to or from Gerber—one short, one long: o ———.
Siding to or from Oroville Branch—three long, one short: ——— ——— ——— o.
Siding to or from west leg of wye—three short, two long: o o o ——— ———.
Main Track to or from west leg of wye—two long, three short: ——— ——— o o o.
Main Track to or from east leg of wye—one long, one short, one long: ——— o ———.
To Spur—one short, two long: o ——— ———.

(i) **LIVE OAK TOWER.**—Crossing with Sacramento Northern Railroad, located one-half mile east of Live Oak. Eastward trains, when standing on main track to meet opposing trains at Live Oak, will stop west of east house track switch to avoid holding tower signal against opposing trains.

(j) **WOODLAND.**—All derails on approaches to crossing of Sacramento Northern Railroad, and switches leading from main track to house track and siding

INTERLOCKING PLANTS—Concluded.

and switch from siding to Knights Landing line, controlled by this tower. Top arm on high signal, located 50 feet from derail, governs use of main track; lower arm on westward high signal governs entrance to siding or house track. Dwarf signals govern other movements.

The following whistle signals will be used:

For Tehama to or from siding—one long, one short: ——— o.

For Tehama to or from house track—two long, one short: ——— ——— o.

For Knights Landing to or from siding—one long, one short, one long: ——— o ———.

Rule 7 STAFF RULES.

The Train Staff system is in operation between Truckee and B. C. Junction All stations with sidings within these limits are train staff stations. Should view be obstructed by reason of snow, fog, etc., and engineer is doubtful as to location, he must stop, and if necessary send flagman ahead to note position of signals.

(a) At staff stations between B. C. Junction and Champion, inclusive, the initial switch at each end of siding is connected with signals, approaching it, so as to give stop indication when switch is not properly lined up.

At a distance of approximately fifteen hundred feet from extreme switches at each staff station a distant signal (disc) is located, which is used in connection with the home signal, and the extreme switches to regulate the approach thereto.

Two disc signals, home (top) pertaining to the occupancy of the main track, and distant (lower) pertaining to the staff for the next block, are placed on one post at each end of siding at staff stations except at Champion, Soda Springs, Fulda and Gunter.

b) At Champion, Soda Springs, Fulda and Gunter—Staff signal indications are given by means of light signals located at extreme switches of the sidings. Indications are as follows:

Red Light—Take siding.
Yellow Light—Proceed on main track to the staff crane.
Green Light—Proceed-staff in crane.
No Light—Send flagman to office for instructions.

(c) If the distant signal shows yellow disc and yellow light indicating "caution" and the home signal shows red disc and red light indicating "stop," train must stop and take siding. When doing so, train must be under control and staff retained, as per Rules 429, 453 and 465.

(d) If distant signal indicates caution, and the home signal indicates proceed, train will proceed cautiously on the main track prepared to stop at staff crane located at staff office.

(e) If both signals indicate "proceed," train will proceed on main track expecting to receive staff which is authority to move into next block.

(f) When receiving staff, as per Rule 452, the engineman must ascertain if it is the proper one for the block which he is entering by removing staff from the pouch and reading the station names stamped upon it.

(k) Extra and regular trains not in sections may run between any point within staff limit without running orders upon receipt of staff, clearance card and all orders designated thereon.

(l) Westward trains will approach staff crane at Soda Springs and Fulda under control, prepared to stop regardless of signal indications.

(m) Enginemen reporting signal irregularities in staff territory give information in such way as to enable maintainer to know how the signal appeared to engineman.

If no light is shown, so state. If bottom signal shows green (white disc) and top signal shows red, so state in report, which will enable maintainer to more quickly determine the trouble.

(n) When a train takes siding, the staff must be retained by trainmen, until train is known to be into clear and switches lined up for main track.

Staff Operators must know train is into clear, or has passed station 300 feet, before restoring staff to instrument to give normal indication.

(o) In case of a disabled train in block between stations:

Staff to be retained until block is clear. Relief trains may enter the block under flag protection. In case it is necessary for relief train to remain in block after disabled train is ready to proceed the second paragraph of Rule 453 will not apply and the staff may be transferred to the relief train and retained by the latter until block is clear;

Staff Operators must be advised of the transfer of staff from one train to the other.

Staff must not be inserted in machine until block is clear.

In the event of a staff station being destroyed by fire immediate action will be taken to establish one staff block covering the two blocks effected to expedite movement of trains, then proceed to establish the destroyed station and restore the two separate staff blocks with a view to placing them in service at same time siding is re-established.

Rule 8 SPEED RESTRICTIONS.

Maximum speed of any train at any point must not exceed 50 miles per hour.

All trains with Mallet engines will reduce speed to 8 miles per hour and trains with other class of engines to 15 miles per hour when using cross-overs, turnouts and on sidings, and be under control through interlocking plants.

Between Loomis and Lawton.

(a) Freight trains must not exceed 20 miles per hour.

Other trains with Mallet Mogul engines, 4200 class, and Mikado engines, must not exceed 28 miles per hour on curves, between Loomis and Truckee and 30 miles per hour on curves between Truckee and Lawton.

Other trains with Mallet consolidated 4000 class engines, 20 miles per hour on curves and 25 miles per hour elsewhere.

Other trains with other than 4000 and 4200 class engines, 28 miles per hour on curves of six degrees or over.

All Other Places on the Division.

(b) Trains must not exceed 30 miles per hour on ten degree curves.

Mallet Mogul engines 4200 to 4211, inclusive, consolidated engines, also Mikado engines, must not exceed speed limit of 40 miles per hour on any portion of division.

Eastward trains must not exceed a speed of 10 miles per hour between west switch and yard office at Sparks.

All trains reduce speed to 20 miles per hour over bridges, First and Fourth Crossings, Truckee River on No 2 track, and over Long Ravine bridges east of Colfax on Nos. 1 and 2 tracks.

Westward trains not exceed 8 miles per hour passing over cross-over at B C. junction.

(c) Trains and yard engines not exceed 6 miles per hour over crossing just east of Sacramento River Bridge, and over Lincoln Street Crossing Roseville.

(d) Trains must not exceed speed of 25 miles per hour over Feather River Bridge east of Binney Junction. This includes approaches as well as trestle on the curve just east of Feather River.

(e) Reduce speed to 12 miles per hour over long trestle east of Knights Landing.

(f) Engines backing up will not exceed a speed of twenty miles per hour. This does not include Mallet engines.

(g) Motor cars backing up must not at any time exceed the speed of 20 miles an hour, and not exceed 10 miles an hour when backing up through yard limits and over highway crossings.

(h) Motor cars must not exceed speed of 25 miles per hour between M. P. 138 and Placerville.

(i) Trains must not exceed speed as shown on slow boards between Biggs and mile post 175.

(j) Passenger trains will not exceed 18 miles per hour; and other trains 15 miles per hour between Mile Post 191 and Stirling City; except that between Mile Posts 211 and 206 all westward trains must not exceed 12 miles per hour.

(k) On portions of the division not covered by special instructions, freight trains must not exceed a speed of 35 miles per hour.

	Passenger Trains with Passenger Engines	Freight	
Willows and Fruto	20	15	Miles per Hour
Colusa and Hamilton Branch	25	15	
Folsom-Placerville	30	15	
Woodland and Marysville	30	20	
Marysville and Oroville	35	25	
Truckee and Lawton	40	20	
Truckee and Loomis	35	20	
Walnut Grove Branch	30	20	
Orland (between outside switches)	15	12	
Corning (between outside switches)	15	12	

Speed of trains regulated by ordinance through city limits:

Wheatland, Gridley, Lincoln, Rocklin, Sacramento, Willows, 15 miles per hour.

(l) Trains not exceed ten miles per hour over railroad crossing, Second Street, west of Yuba City Station.

Trains will not exceed a speed of twelve miles per hour over Court Street Crossing, Woodland.

(m) Westward trains will not exceed speed of twelve miles per hour while passing through Tunnels 33 and 34, just west of Cape Horn.

(n) "Yellow flags and lamps or slow boards will be placed one-fourth mile each side of structures or piece of track over which speed of trains must not exceed fifteen miles per hour or rate of speed specified by bulletins, train orders, or slow boards."

(o) Westward freight trains will not exceed fifteen (15) miles per hour when passing eastward passenger trains on parallel track between Blue Canon and Long Ravine Bridge.

(p) Trains on Placerville Branch having cars loaded with Ore reduce speed to 12 miles an hour on all curves 7 degrees or over.

(q) Trains entering sidings will do so under control. Responsibility for collision is placed with entering train.

(r) Mallet Engines will not be operated over the following switches in the snowshed district:

Spur switch, Eder.
Lumber spur switch, Summit.
Spur switch, Spruce.
Outfit spur switch, off passing track, Cisco.
Spur switches, Yuba Pass.
Lumber spur switches, off passing track, Fulda.

The following spurs can be used only part way by Mallet engines, such distance in each case being shown below:

Andover, outfit spur, 3 car lengths back of frog.
Lakeview, 6 car lengths back of frog.
Soda Springs, to corral chute.
Campbell Spur, Cisco, to corral chute.

(s) Engines will not exceed speed of six (6) miles per hour on Baloon tracks at Truckee and Stirling City.

(t) Speed of 2-10-2 type engines, when used in passenger service, will under no circumstances exceed forty miles per hour.

Mikado engines and consolidation freight engines, when used in passenger service will under no circumstances exceed speed of forty-five miles per hour.

(u) Relief trains with steam derricks will not exceed twenty-five (25) miles per hour over any part of the Division and be governed by other maximum speed restrictions as shown.

Rule 9

YARDS ARE ESTABLISHED AT THE FOLLOWING STATIONS:

SACRAMENTO.—Extend from 1,000 feet east of Benali to a point 4,000 feet west of Sacramento River Bridge, to a point 1,000 feet west of west switch at Brighton on Stockton Line via Elvas, to a point 1,000 feet east of east switch at Brighton on Placerville line via Homestead, to a point 18,673 feet east of Junction switch, R Street, on Walnut Grove Line.

(a) FOLSOM.—Extend to a point 1,000 feet west of west switch at Natoma to switch connecting to track to State Prison at Folsom and 1,000 feet east of Nagle Spur on Placerville Line.

(b) WOODLAND.—Extend to a point 1,000 feet west of Mill Spur to a point 1,000 feet north of switch at Junction to Oroville and Willows Line.

(c) ORLAND.—Extend to a point 1,000 feet west of the switch at Alfalfa Spur, through Wyo and to a point 1,000 feet east of east switch at Wyo, and to a point 1,000 feet west of west switch on Hamilton Branch.

(d) WILLOWS.—Extend to a point 1,054 feet west of the west switch corral track to a point 1,000 feet east of the east switch to a point 1,000 feet east of the east switch of Wye on Fruto Branch.

YARDS ARE ESTABLISHED AT THE FOLLOWING STATIONS—Concluded.

(e) HARRINGTON.— Extend from a point 1500 feet west of the west switch to a point 1500 feet east of the east switch and to a point 1500 feet east of Wye Switch on the Colusa and Hamilton Branch.

(f) CHICO.—Extend from a point 1,000 feet west of the west switch to a point 3,000 feet east of the east switch at Chico, to a point 1,000 feet east of east switch on Stirling City Branch.

(g) MARYSVILLE.—Extend to 1,000 feet west of Rupert Spur to a point 1,000 feet east of Western Pacific crossing at Binney Junction, to a point 4100 feet east of Binney Junction Switch on Oroville Branch, to a point 1,000 feet west of west switch of Cannery Track at Yuba City. This includes E and A Street cut-off.

(h) GERBER.—(Shasta Div.) Extends 1,000 feet west of west switch Willows line and 1,000 feet west of west switch Chico line at Tehama.

(i) ROSEVILLE.—Extend to a point 1,000 feet west of west switch Antelope to a point 2,385 feet north of former location Andora switch on Gerber Line, to a point 1,000 feet east of east switch at Rocklin, on track 4 and to a point 1,000 feet east of cross-over tracks 1 and 2.

(j) COLFAX.—Extend to a point 2,000 feet west of west switch and to a point 2,000 feet east of east switch.

(k) TRUCKEE.—Extend to a point 3,000 feet west of station and to a point 7,500 feet east of station.

(l) SPARKS (Salt Lake Div.)—Extend to a point one and one-half miles west of Reno.

Rules 93 and D-93 are revised as follows:

"Within yard limits the main track may be used, protecting against first and second-class trains.

ALL TRAINS MUST APPROACH YARD LIMITS AND PASS THROUGH YARDS UNDER CONTROL."

10 MISCELLANEOUS.

Tracks between Sacramento and B. C. Junction numbered as follows:

No. 1 Track, Westward main track via Auburn.

No. 2 Track, Eastward main track via Nevada Street, Auburn.

No. 4 Track, between Rocklin and Loomis; diverges from No. 2 track at Rocklin and runs on south side of No. 1 track, one-half mile east of Rocklin, to Loomis, connecting with No. 1 track at Loomis.

11 When one torpedo is exploded train will come to a stop as per Rule 15, If no person is on hand to explain the placing of torpedo, train may proceed as hereinafter provided:

If view is obscured in any manner, flagman must be sent ahead for a distance of at least one-half mile.

If track is seen to be clear or within automatic block limits, if signal indicates "Proceed," train may proceed, not exceeding 6 miles per hour for a distance of one-half mile, before resuming full speed.

12 On double track lines, when a train finds a fusee burning red, train must be brought to a stop and may then proceed cautiously, not exceeding six (6) miles per hour, to the obstruction, or until clear signal is reached, or until track is known to be clear.

13 When a red flag or lamp is displayed and no person attending signal, train must be brought to a stop, and be preceded by a flagman for a distance of at least one-half mile.

14 When doubling, engine running for water, or for any other purpose, it becomes necessary to leave a portion of a train on the main track, a red flag by day and a red light by night must be placed on the head car of the standing cut of cars, and in addition two torpedoes placed not less than one-fourth mile in advance thereof.

Enginemen must know the location of cars thus left standing, and must use extreme care in returning for rear portion of train.

15 Unless otherwise instructed eastward freight trains will move Newcastle to Colfax regardless of Nos. 24, 34 and 210.

16 On double track, extras may run with current of traffic between any stations without running orders, but must obtain clearance (Form 2643) when leaving initial station.

17 All trains between Elvas and Sacramento and between Elvas and Brighton, and eastward trains via Elvas from Stockton Division will move irrespective of time-table superiority when moving with current of traffic.

18 Normal position of main track switch at Truckee will be set for No. 2 track.

19 Trains and yard engines after coming to a stop for crossing with Sacramento-Northern Railroad at Front and M Streets, Sacramento, will proceed only on signal from flagman, and not pass the switchtender's station at Fourth, Sixth, Fifteenth streets and east end Sacramento River Bridge without receiving a signal to proceed.

Signal levers operating at Front and M Streets have been extended to the ground, in order that signals can be operated either from the ground or the tower.

When signal arm shows "Stop" train and yard engines will comply with Rule No. 663, Rules and Regulations of the Transportation Department.

20 Southern Pacific trains will approach Western Pacific crossing at Front and R Streets, Sacramento, under control, expecting to find crossing occupied.

21 Southern Pacific yard engines will stop at Front and R street crossing and ascertain that it is clear before proceeding. Both Southern Pacific and Western Pacific trains and yard engines must ascertain that all switch and industry track crossings in the vicinity of Front and R streets, Sacramento, are clear before using.

22 Trains will stop within two hundred (200) feet of Sacramento Northern R. R. crossing at Yuba City, Front and R streets Sacramento, and on Stirling City Branch and Knights Landing drawbridges before crossing.

23 The tonnage of Freight train between Summit and Loomis must not exceed 100 M's per operative brake and between Summit and Truckee 120 M's per operative brake. Between Stirling City and Butte Creek 80 M's per operative brake. See Rule 62 of Rules and Regulations governing air brakes.

24 At Colfax when taking siding for other trains, westward trains will use siding number one (1) north of No. 1 track. Eastward trains will use siding number three (3) south of No. 2 track.

25 Helper engines coupled in middle or rear of train must be cut off from the forward portion of train before taking water. Engines must be cut from westward freight trains while taking oil and water at Truckee.

26 Between Sacramento and Gerber engines must be cut off of all freight trains of twenty cars or more before taking water.

27 Markers must be kept lighted between B. C. Junction and Truckee and on No. 2 track between Rocklin and Colfax at all hours. Trainmen in this district must turn markers at all hours, as per Rule 19, Book of Rules.

28 Between Emigrant Gap and Andover the snowshed posts on each side of the track are numbered for a distance on either side of sidings showing number of car lengths from the switch. This is a guide to the engineer in locating switch in pulling out of siding.

29 Enginemen must not dump carbide from gas generator within snowshed district.

30 Trains from Knights Landing branch at Woodland will use siding to station or comply with Rule 83 before entering main track. Switches this siding set to lead from Oroville branch. Trains from Oroville use siding Binney Junction to Marysville.

31 Long siding Harrington will be used as follows: West end west of cross-over as Eastward siding; east end east of cross-over, Westward siding. Junction switch of Colusa & Hamilton Railroad connects about midway with Westward siding.

32 When trains have outfit cars, helper engine will go through to Lake View, instead of cutting out at Summit, to avoid shoving against outfit cars while helping train out of Summit.

33 West end of Nelson siding, between cross-over near section house and extreme west switch, will be occupied by cars for commercial loading.

34 When necessary for eastward freight trains to double to Cape Horn, rear of train will be properly secured, and head of train taken to Cape Horn and properly secured on siding beyond derailer; engine will then return for rear of train in usual manner.

35 Passenger equipment trains of fourteen cars or over within snowshed district will, when necessary to take siding, pull into siding and stop, and pull out of siding and stop, in order to pick up brakeman

36 When a helper engine is to be coupled to a train, copies of all orders affecting the movement at or beyond point from which helper is to be used, must be delivered to each helper engine crew before leaving the point at which coupled to the train.

If helper engine is picked up at a closed or non-telegraph office, a copy of orders affecting movement of train at or beyond that station, and copy of clearance card, must be delivered to conductor of train at preceding open telegraph office for delivery to the helper engineer before leaving station at which cut in.

Train dispatcher will see that this is done.

37 Trains on the Roseville-Gerber Line when calling in flag from the east at Roseville, will give six (6) long sounds of the whistle.

When calling in flag from the west on west side of valley Tehama, will give six (6) long sounds of the whistle.

When calling in flagman from the east at Davis, on Davis-Tehama Line, will give six (6) long sounds of the whistle.

38 Eastward trains from Brighton having cars to set out at Elvas will use West end of center siding and set cars in at switch near road crossing.

Westward trains via Brighton having cars to set out at Elvas will use East end of center siding using switch at road crossing.

MINIMUM CLEARANCES FOR ROTARY PLOWS, BLUE CANON EAST.

Cisco, old fire train spur, shed post clears 8 inches. Tunnels 3 and 4, 8 to 10 inches clearance. Brackets for wire east end of tunnel 4 clears 6 inches.

Tunnel 5, 8 inches clearance.

East and west of mile post 195, stone walls clear 6 inches. Water trough east of tunnel 10 clears 5 inches

East end of tunnel 11 clears 8 inches. When staff is in staff crane will not clear plow. Will have to stop and get staff by hand.

All push cars in shed district must be placed between posts for proper clearance.

Rotary plow on an 8 or 10 degree curve will swing approximately 7 inches from center.

All crews handling plows through this district where standard clearance is not provided must reduce speed to six miles per hour through tunnels and at rock walls.

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE

Mile Post	LOCATION	DESCRIPTION
	SACRAMENTO YARD	
	Shop Yard	Oil House West of Store No. 1..........Side
	Shop Yard	Platform Store No. 1..........Side
	Shop Yard	Sand spurs Nos. 1 and 2..........Overhead
	Front & J Sts	Miller & Enwright spur..........Side
	Front, L & M Sts	A. S. Hopkins spur..........Side
	Front, L & M Sts	John Breuner & Co. spur..........Side
	Front & I Sts	Machinery spur..........Side
	Front, I & M Sts	Freight House track No. 1..........Side
	Front, I & M Sts	Freight House track No. 2..........Side
	Front, I & M Sts	Freight House track No. 3..........Side
	Front & H Sts	Jail spur..........Overhead
	Front & I Sts	Water Works spur..........Overhead
	R between 10th & 11th	Carlow Bros. spur..........Side
	R between 11th & 12th	Lawrence Warehouse..........Side
	R between 20th & 21st	Sacramento Valley Winery spur..........Side
	R between 21st & 22nd	Barley spur Buffalo Brewery..........Side
	R between 21st & 22nd	California Winery spur..........Side
	B between 11th & 12th	Phoenix Mill spur..........Side
	B between 8th & 9th	Consumers Ice Co. Track..........Side
	3rd to 6th Sts	Track No. 4 Rolling Mill..........Side
	6th Street	Water Tank..........Side
	Train Shed	Tracks Nos. 1, 2, & 3..........Overhead
	SACRAMENTO-SPARKS—EASTBOUND.	
94.9	Ben Ali	Cannon Phillips spur..........Overhead & Side
106.6	Roseville	Icing track, PFE track No. 2..........Side
106.6	Roseville	Car bodies & Lbr. on rip track..........Side
110.6	Rocklin	Cal. Granite spur, Rocklin, Quar..........Side
110.6	Rocklin	Water spur..........Side
110.6	Rocklin	Water tank..........Side
	E. of Rocklin	Antelope Creek bridge..........Side
114.2	E. of Rocklin	Tunnel No. 15..........Overhead
114.8	E. of Rocklin	Tunnel No. 16..........Overhead
117.3	E. of Lincoln Ave., Penryn	Tunnel No. 17..........Overhead
120.2	Newcastle	Fruit House spur No. 6..........Side
120.2	Newcastle	Ladder lead to Fruit House spur..........Side
120.5	E. of Newcastle	Tunnel No. 18..........Side & Overhead
122.7	E. of Newcastle	Tunnel No. 19..........Overhead
123.2	E. of Newcastle	Tunnel No. 20..........Overhead
124.7	E. of Nev. St., Auburn	Tunnel No. 21..........Overhead
131.2	W. of Bowman	Tunnel No. 22..........Overhead
132.7	E. of Clipper Gap	Tunnel No. 23..........Overhead
132.9	E. of Clipper Gap	Tunnel No. 24..........Overhead

SPECIAL INSTRUCTIONS--Concluded.

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE—Continued.

SACRAMENTO-SPARKS—EASTBOUND—Concluded.

Mile Post	LOCATION	DESCRIPTION
133.1	E. of Clipper Gap	Tunnel No. 25.......Overhead
133.3	E. of Clipper Gap	Tunnel No. 26.......Overhead
133.8	E. of Clipper Gap	Tunnel No. 27.......Overhead
134.8	E. of Applegate	Tunnel No. 28.......Overhead
136.0	E. of Applegate	Tunnel No. 29.......Overhead
138.7	E. of N. E. Mills	Tunnel No. 30.......Overhead
139.2	E. of N. E. Mills	Tunnel No. 31.......Overhead
139.4	E. of N. E. Mills	Tunnel No. 32.......Overhead
141.7	Colfax	Automatic Signal Nos. 1420, 1421 & 1425 Side
141.7	Colfax	Water Col. W. of Station W. B.......Side
	E. of Colfax	Tunnel No. 33.......Side & Overhead
	E. of Colfax	Tunnel No. 34.......Side & Overhead
152.2	Gold Run	Sta. Bldg. W. leg of Y.......Side
	Gold Run	Mail Crane.......Side
	Gold Run	Water Tank West end of Yard.......Side
152.4	E. of Gold Run	Oil & Water columns.......Side
202.7	Stanford	Water Tanks (both).......Side
208.0	Truckee	Roundhouse portals.......Side
208.0	Truckee	Oil sump doorways.......Side
208.0	Truckee	Scale House.......Side
208.0	Truckee	Icing Platform.......Side
208.0	Truckee	Warehouse of Sierra-Nev. Wood & Lumber Co.......Side
215.0	Prosser Creek	Ice House.......Side
215.0	Prosser Creek	Support post for ice conveyor.......Side
216.3	Boca	Ice House No. 7.......Side
216.3	Boca	Support post for ice conveyor.......Side
232.4	Verdi	Box factory platform.......Side
242.9	Reno	Transfer track.......Side
242.9	Reno	Buffalo Brewing Co. platform.......Side

ROCKLIN-COLFAX—WESTBOUND

Mile Post	LOCATION	DESCRIPTION
132.7	W. of Applegate	Tunnel No. 0.......Side & Overhead
124.5	Auburn	Ford & Son Warehouse, hill track.......Side
124.5	Auburn	Lowell Warehouse, hill track.......Side
124.5	Auburn	Fruit House Track, hill track.......Side
124.5	Auburn	Hse. Track, Auburn I. & C. siding.......Side
124.5	Auburn	Hse. Track, Ford & Son, Whse. siding...Side
123	W. of Flint	Cut.......Side
122	W. of Flint	Cut West of 122.......Side
	W. of Flint	Cut West of 122-G.......Side
	W. of Flint	Cut West of 122-H.......Side
	W. of Flint	Bloomer Cut.......Side
113.9	Loomis	No. 1 Hill track, Earl Fruit Co.......Side
	Loomis	No. 1 Hill track, Law Bros., Fruit Hse..Side

ROSEVILLE-GERBER

Mile Post	LOCATION	DESCRIPTION
140.8	Marysville	W. T. Ellis Warehouse.......Side
140.8	Marysville	Stock Corral Fence.......Side
140.8	Marysville	Buckeye Mill platform.......Side
140.8	Marysville	Platform on Cannery Spur.......Side
140.8	Marysville	Marysville Ice & C.S.Co. platform.......Side
122.0	Marysville, E Street	Yuba Construction Co., platform.......Side
161.4	Biggs	Water Tank.......Side
	Biggs	Doty Warehouse.......Side

CHICO-STIRLING CITY

Mile Post	LOCATION	DESCRIPTION
199.6	Ostrander	Cattle Guard.......Side
206.2	Appleton	Station platform.......Side

WOODLAND-TEHAMA

Mile Post	LOCATION	DESCRIPTION
89.2	Elvaton	De Pue Gravel Hoist.......Side & Overhead
103.2	Dunnigan	Water Tank.......Side
113.5	Arbuckle	Union Ice House.......Side
117.6	Genevra	Water Tank.......Side
124.2	Williams	Bartlett Water Co., shed platform.......Side
124.2	Williams	Stoval-Wilcox Wholesale platform.......Side & Overhead

WOODLAND-TEHAMA—Concluded

Mile Post	LOCATION	DESCRIPTION
124.2	Williams	Williams Warehouse Co., platform.......Side
129.1	Cortena	Colusa & Lake Freight House platform..Side
133.0	Maxwell	Water Tank.......Side
167.0	Wyo	Dearborn gravel bunker....Side & Overhead

WYO-HARRINGTON

Mile Post	LOCATION	DESCRIPTION
150.4	Rasor	Warehouse.......Side
165.9	Rotavile	Elevator.......Side
168.0	Stony Creek Bridge	High Tension Wire.......Overhead
169.9	West End Hamilton Yard	High Tension Wire.......Overhead
177.4	Hamilton	Boiler House of sugar factory.......Side
177.4	Hamilton	Shed over beet unloading track....Overhead

DAVIS-OROVILLE

Mile Post	LOCATION	DESCRIPTION
80.7	Merritt	Freight house platform siding.......Side
107.5	Marcuse	Warehouse platform, siding.......Side
111.4	Tudor	Freight house platform siding.......Side
111.4	Tudor	Water Tank.......Side
112.4	Abbott	Earl Fruit Co. bldg. siding.......Side
120.4	Yuba City	S.N.R.R. trolley wire, E. of depot.Overhead
135.0	Honcut	Stock corral chute.......Side
135.0	Honcut	Station platform.......Side
135.0	Honcut	Brown's Warehouse.......Side
147.9	Oroville	C. L. Bills cement warehouse.......Side
147.9	Oroville	Olive Produce Co. porch.......Side
147.9	Oroville	Ice House platform.......Side

SACRAMENTO-PLACERVILLE

Mile Post	LOCATION	DESCRIPTION
91.5	Sacramento, 23rd & R	Contractors' spur, building.......Side
95.9	Perkins	Perkins' Store.......Side
98.9	Mayhew	Humphrey Packing house platform.......Side
98.9	Mayhew	Earl Fruit Co. platform.......Side
122.3	Cothrin	Rock Cut.......Side
126.4	Latrobe	Rock Cut.......Side
126.5	E. of Latrobe	Rock Cut.......Side
128.6	E. of Latrobe	Rock Cut.......Side
148.7	Placerville	Water Tank.......Side

SACRAMENTO-WALNUT GROVE

Mile Post	LOCATION	DESCRIPTION
93.0	Charles	Stock Chutes at 93-A.......Side

MAXIMUM SPEED FOR WHICH LOCOMOTIVES ARE COUNTERBALANCED.

All locomotives, with the following exceptions, are counterbalanced for a speed in miles per hour equal to the number of inches in diameter of driving wheels:

Class of Locomotive	Engine Numbers	Maximum Speed in Miles per Hour	Maximum Wheel Pressure
A-1	3000 to 3009	63	45120 lbs.
MC-1	4000 to 4001	53	42760 lbs.
MC-2	4002 to 4016	53	42760 lbs.
MC-4	4017 to 4028	53	43130 lbs.
MC-6	4029 to 4043	53	43230 lbs.
MC-6	4044 to 4048	53	42680 lbs.
MK-2	3200 to 3202, 3205, 3206, 3210, 3211	49	46140 lbs.
MK-4	3216 to 3230, 3232 to 3235	49	45560 lbs.
MM-2	4200 to 4211	56	46300 lbs.
T-6	2187, 2190, 2194, 2200, 2203, 2204, 2205	50	22740 "
T-6	2197, 2208	45	24110 "
T-28	2311 to 2314, 2316, 2317, 2320, 2323, 2325, 2327, 2328, 2330, 2342, 2343, 2352	54	46220 "
TW-2	2946, 2948 to 2953	43	25860 "
TW-4	2926 to 2931	44	26000 "

Note.—Maximum speed in miles per hour is based on vertical disturbing force of counterbalance not exceeding 75% of static wheel load, and maximum wheel pressures shown obtain at speeds indicated.

The above table for information of engineers must in no way conflict with instructions governing speed of trains.

SPEED TABLE.

Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in	
	Min.	Sec.		Min.	Sec.		Min.	Sec.		Min.	Sec.
6	10	......	21	2	51	31	1	56	41	1	27
8	7	30	22	2	43	32	1	52	42	1	25
10	6	......	23	2	36	33	1	49	43	1	23
12	5	......	24	2	30	34	1	45	44	1	21
15	4	......	25	2	24	35	1	42	45	1	20
16	3	45	26	2	18	36	1	40	46	1	18
17	3	31	27	2	13	37	1	37	47	1	16
18	3	20	28	2	8	38	1	34	48	1	15
19	3	9	29	2	4	39	1	33	49	1	13
20	3	......	30	2	......	40	1	30	50	1	12

AVERAGE WEIGHT OF PASSENGER TRAIN CARS

KIND OF CAR	AVERAGE WTS.—POUNDS		
	Wood	Steel	Steel Underframe
Baggage	79,000	90,000	....
" (Dynamo)	....	105,000	....
Baggage and Mail	77,000-69 ft.	121,000-69ft. 90,000-60ft.	93,000-69 ft.
Baggage and Passenger	61,000	....	....
Buffet	....	130,000	122,000
" (Dynamo)	....	146,000	....
Business	107,000	178,000	135,000
Chair	86,000	98,000	....
Coaches	80,000	95,000	....
Dining	128,000	147,000	135,000
Horse Express	81,000	....	....
Observation	122,000	145,000	131,000
Postal	....	110,000-60ft. 77,000-40ft.	....
Pullman Parlor	115,000	146,000	....
" Observation	124,500	151,000	127,000
" Std. Sleepers	125,000	153,000	145,000
" Tourist Sleepers	94,000	....	133,000
Tea and Silk	48,000	....	....
W. F. Refr. Express..... 40 to 49	78,400	....	....
" " " " ..... 50 " 89	79,100	....	....
" " " " ..... 90 " 129	77,900	....	....
" " " " ..... 130 " 154	75,500	....	....
" " " " ..... 55 " 189	87,800	....	....
" " " " ..... 500 " 505	108,500	....	....
N. P. Refr. Express	60,000	....	....
" " " "	....	....	74,000
G. N. " "	70,000	....	....

LIST OF SURGEONS.

NAME	LOCATION	DISTRICT
Dr. F. K. Ainsworth, Chief Surgeon	San Francisco	
Dr. A. M. Henderson, Division Surgeon	Sacramento	Special Service.
Dr. G. L. Stevenson, District Surgeon	Sacramento	Between Sacramento, Roseville and Fair Oaks Junction.
Dr. W. E. Briggs, Oculist and Aurist	Sacramento	
Dr. B. Woodbridge, District Surgeon	Roseville	Between Antelope, Whitney and Rocklin.
Dr. J. L. Fanning, Asst. District Surgeon	Roseville	Between Antelope and Rocklin.
Dr. H. D. Fletcher, District Surgeon	Rocklin	Between Roseville and Loomis.
Dr. O. L. Barton District Surgeon	Loomis	Between Rocklin and Penryn.
D H. N. Miner, District Surgeon	Penryn	
Dr. L. B. Barnes, District Surgeon	Newcastle	Between Penryn and Auburn.
Dr. B. F. Howard, Emergency Surgeon	Alta	
Dr. G. H. Fay, District Surgeon	Auburn	Between Newcastle and N. E. Mills.
Dr. Jno. W. Nielsen, District Surgeon	Colfax	Between N. E. Mills and Gold Run.
Dr. R. Heidrich, District Surgeon	Dutch Flat	Between Gold Run and Cisco.
Dr. J. H. Bernard, District Surgeon	Truckee	Between Cisco and Boca.
Dr. M. R. Walker, District Surgeon	Reno	Between Floriston and Sparks.
Dr. W. H. Hood, Consulting Surgeon	Reno	
Dr. John A. Fuller, Oculist and Aurist	Reno	
Dr. G. W. Davis, District Surgeon	Lincoln	Between Whitney and Sheridan
Dr. G. D. Pratt, District Surgeon	Wheatland	Between Sheridan and Ostrom.
Dr. E. E. Grey, District Surgeon	Marysville	
Dr. I. W. Higgins, District Surgeon	Live Oak	
Dr. L. L. Thompson, District Surgeon	Gridley	Between Live Oak and Nelson.
Dr. O. C. Hawkins, Emergency Surgeon	Biggs	
Dr. O. Stansbury, District Surgeon	Chico	Between Nelson and Vina.
Dr. J. H. Belyea, District Surgeon	Los Molinos	Between Proberta, Vina and Richfield
Dr. F. J. Bailey, District Surgeon	Gerber	Between Red Bluff and Gerber.
Dr. W. E. Bates, District Surgeon	Davis	Between Davis and Merritt.
Dr. H. D. Lawhead, District Surgeon	Woodland	Between Merritt, Chandler and Dunnigan.
Dr. W. F Harlan, Surgeon	Arbuckle	
Dr. Ney M. Salter, District Surgeon	Williams	
Dr. C. O. Poage, Emergency Surgeon	Colusa	
Dr. C. W. Lund, District Surgeon	Willows	Between Cortena, Germantown and Fruto
Dr. S. Iglick, District Surgeon	Orland	Between Germantown and Kirkwood.
Dr. B. C. Epperson, District Surgeon	Stirling City	
Dr. F. E. McCann, District Surgeon	Corning	Between Kirkwood and Richfield.
Dr. T. W. Horton, Emergency Surgeon	Honcut	
Dr. T. B. Reardan, District Surgeon	Oroville	Between Honcut and Oroville.
Dr. L. E. Farmer, District Surgeon	Folssom	Between Fair Oaks and Latrobe.
Dr. W. A. Reckers, District Surgeon	Placerville	Between Latrobe and Placerville.
Dr. Geo. W. Harvey, District Surgeon	Paradise	Stirling City Branch.

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon. Emergency Hospitals located at Truckee, Sparks and Sacramento.

RATING OF LOCOMOTIVES—SACRAMENTO DIVISION—In M's of 1000 back of tender.

Corrected to October, 1917.

CLASS	ENGINE NUMBER	Boiler Pressure	Sacramento and Gerber via Roseville	Roseville to Colfax Via Eastward Track	Colfax to Sparks Roseville to Colfax Via Westward Track	Sparks to Truckee	Truckee to Summit	Davis and Gerber and Davis and Marysville	Placerville to Folsom	Folsom to Placerville	Folsom to Sacramento	Sacramento to Folsom
			EAST and WEST					EAST and WEST				
E—69 18/24 65	1382, 1384, 1388, 1391, 1394, 1398 and 1399	160	2305					2000	675	390	2285	1465
E—69 18/28 73	1459 to 1463	165	2620					2140				
M—63 20/26 126	1615 to 1719	190	4310					3415				
M—63 21/28 156	1720 to 1724, 1770 to 1779	200	5020					3930				
M—63 21/28 144	1725 to 1769, 1780 to 1803	195	4890					3820				
M—63 21/28 147	1805 to 1822	200	5020					3930				
T—57 18/24 86	2134 to 2153	160	2790					2220	815	500	2555	1640
T—57 18/24 87	2176 to 2183	160										
T—63 20/26 112	2235 to 2273	180	3840	1030	555	1575	675	3080	1135	710	3505	2260
T—69 21/28 149	2283 to 2300	200	4620					3600				
T—63 21/28 144	2301 to 2310	200	5020	1360	740	2020	865	3930				
T—63 22/28 160	2311 to 2342 (Saturated)	200	5490	1490	815	2215	950	4315				
T—63 22/28 165s	2311 to 2342 (As Superheated)	210	5720	1575	865	2330	1005	4470				
C—51 22/26 152	2502	180	5245					4110	1580	1025	4505	2810
C—51 20/28 164	2503	180	4045					3155	1165	730	3515	2135
C—57 22/30 194s	2513 to 2599 and 2752 to 2844 (As Superheated)	210	6290	1750	975	2570	1130	4925				
C—57 22/30 187	2513 to 2599 and 2752 to 2830	200	5980	1660	920	2420	1070	4675				
C—57 22/30 184	2694 to 2751	200										
C—57 22/30 180	2624 to 2679	200										
C—57 22/30 178	2680 to 2693	200										
TW—54 22/26 147	2900 to 2913	180	5150					4105	1550	1010	4520	2765
TW—56 20/30 120	2925, 2928, 2930 and 2931	160	3840					3060	1140	740	3020	1990
TW—56 20/30 122	2927, 2929	160										
TW—50 20-29/26 120	2932, 2940 and 2943	180	3360					2625	980	640	2610	1570
TW—50 20-36/26 118	2950	170	3155					2560	945	610	2540	1525
TW—50 20/26 120	2933 to 2939, 2941, 2942, 2944	170	4080					3195	1240	830	3150	2075
MC—57 26-40/30 394	4000 to 4016	200		3815	2170	5460	2500					
MC—57 26-40/30 398	4017 to 4028	200										
MC—57 26-40/30 401s	4029 to 4043	200										
MC—57 26-40/30 395s	4044 to 4048	200										
MM—63 25-38/23 320	4200 to 4211	200		3185	1795	4660	2070					
MK—57 23¾/30 206s	3216 to 3235	200	6880	1885	1020	2790	1195					
MK—63 26/28 210	3236 to 3249	200	7690	2110	1165	3110	1355					

Allowance for Empty and Underloaded Cars	Sacramento and Gerber via Roseville	Roseville to Colfax	Colfax to Sparks	Sparks to Truckee	Truckee to Summit	Davis and Gerber and Davis and Marysville	Placerville to Folsom	Folsom to Placerville	Folsom to Sacramento	Sacramento to Folsom
Less than 40 M's	6	6	3	3	3	6	3	3	6	6
40 to 50 M's	3	3	0	0	0	3	0	0	3	3
More than 50 M's	0	0	0	0	0	0	0	0	0	0

TRAINMASTERS.

C. C. FISHER ...... { Harrington to Wyo; Woodland to Oroville; Roseville to Gerber; Davis to Tehama; Fruto, Stirling City & Sutter Basin Branches } Sacramento, Cal.

- Harrington to Wyo
- Woodland to Oroville
- Roseville to Gerber
- Davis to Tehama
- Fruto, Stirling City & Sutter Basin Branches

J. LORD .... Colfax to Sparks .... Truckee, Cal.

F. J. BERRY { Colfax to Sacramento, inclusive; Placerville and Walnut Grove Branches. } Sacramento, Cal.

J. B. KNAPP .... Assistant Train Master Colfax to Sparks .... Blue Canon, Cal.

J. E. WARD .... Assistant Train Master .... Sacramento, Cal.

O. T. STACKPOOLE .... CHIEF TRAIN DISPATCHER

F. G. WIESE .... ASST. CHIEF TRAIN DISPATCHER

W. M. FLETCHER .... DISPATCHER AND EXAMINER

TRAIN DISPATCHERS { L. Geiger, F. E. Jones, G. H. Barnes, F. S. Greene, F. E. Scott, W. J. Manley, J. J. Corbett, L. Fingland, C. N. Jones, D. A. Neelley, R. D. Bloss, C. G. Thompson, R. B. Mould } Sacramento, Cal.

MILEAGE.

MAIN LINES.

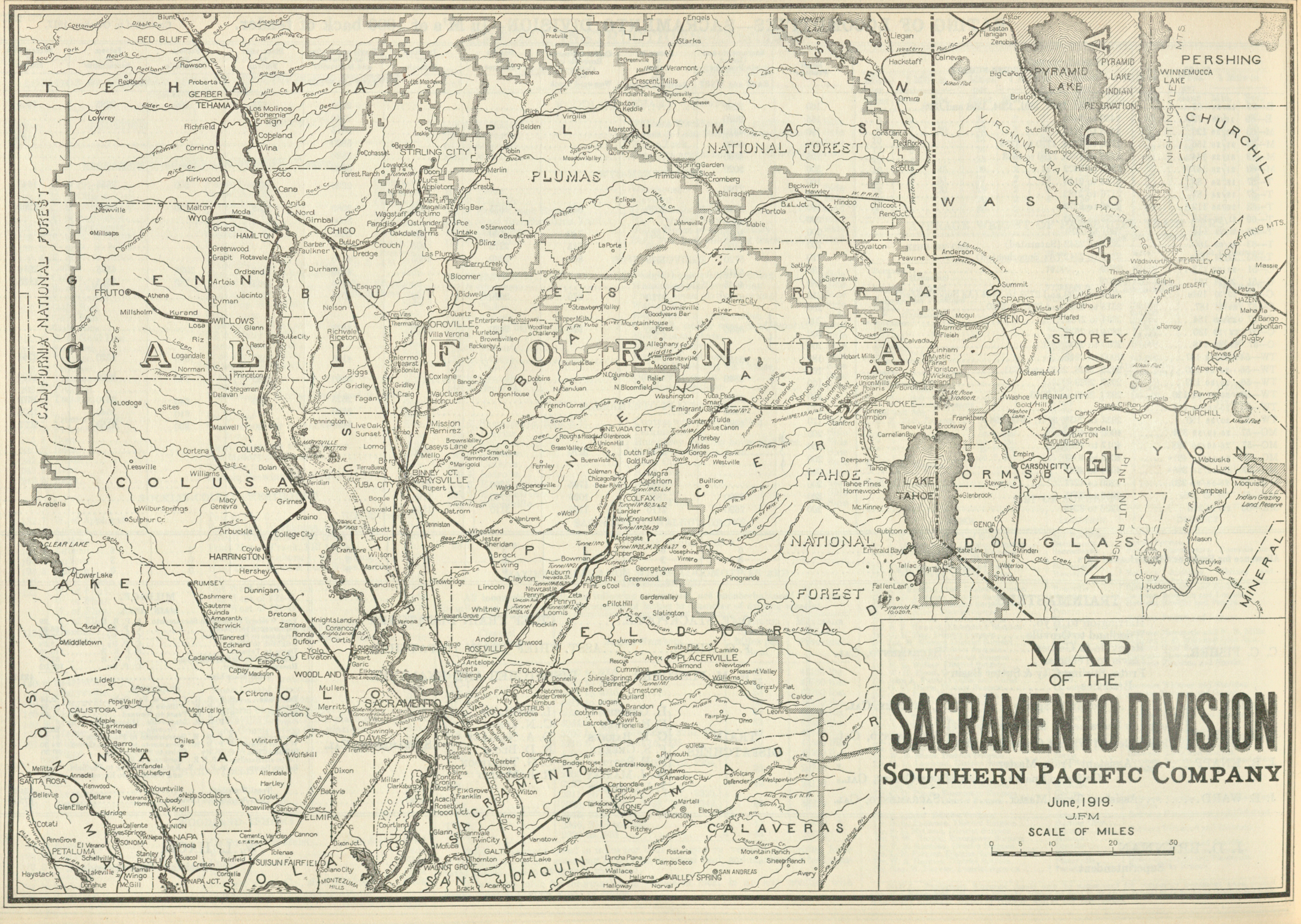
End Western Division to Sacramento	S. P R. R	.29	
Sacramento to Sparks	C. P. Ry	155.83	
Brighton to Sacramento	C. P. Ry	6.95	
Brighton to Elvas	C P. Ry	3.58	
Davis to Tehama	S. P. R. R	110.40	
Woodland to Marysville	S. P. R. R	37.05	
Roseville to Gerber	C. P. Ry	107.02	
Total Main Line			421.1

BRANCHES.

Fair Oaks	S. P. R. R.	Citrus to Fair Oaks	2.14	
Fruto	S. P R. R.	Willows to Fruto	16.84	
Howard	S. P. R R	Peart to Howard	1.88	
Oroville	S. P R R	Marysville (Binney Jct.) to Oroville	25.26	
Placerville	S.P R R.	Sacramento to Placerville	61 26	
Walnut Grove	S P R R.	Sacramento to Walnut Grove	24 30	
Stirling City	C P Ry	Chico to Stirling City	30.30	
Colusa and Hamilton	S. P. R R.	Harrington to Wyo	72.01	
Sutter Basin	S. P. R. R.	Knights Landing to Sheffield	17.8	
		and Marchant to Karnak	2.8	
Total Branches				254 5
Total Sacramento Division				675.17

J. D. BRENNAN,
Superintendent.

W. L. HACK,
Assistant Superintendent.


CALIFORNIA
NEVADA
TEHAMA
GLENN
BUTTE
PLUMAS
PLUMAS NATIONAL FOREST
LASSEN
SIERRA
YUBA
SUTTER
COLUSA
LAKE
NAPA
SONOMA
SOLANO
YOLO
SACRAMENTO
PLACER
NEVADA
EL DORADO
AMADOR
CALAVERAS
SAN JOAQUIN
TAHOE NATIONAL FOREST
CALIFORNIA NATIONAL FOREST
WASHOE
STOREY
ORMSBY
DOUGLAS
LYON
CHURCHILL
PERSHING
MINERAL
RED BLUFF
TEHAMA
GERBER
CHICO
HAMILTON
ORLAND
WILLOWS
FRUTO
OROVILLE
MARYSVILLE
YUBA CITY
COLUSA
HARRINGTON
WOODLAND
DAVIS
SACRAMENTO
ROSEVILLE
AUBURN
COLFAX
NEVADA CITY
TRUCKEE
RENO
SPARKS
CARSON CITY
VIRGINIA CITY
PLACERVILLE
FOLSOM
JACKSON
GALT
CALISTOGA
SANTA ROSA
PETALUMA
NAPA
SONOMA
NAPA JCT.
SUISUN FAIRFIELD
ELMIRA
LAKE TAHOE
PYRAMID LAKE
WINNEMUCCA LAKE
HONEY LAKE
CLEAR LAKE
FERNLEY
HAZEN
WADSWORTH
Western Pacific R.R.
SHASTA DIVISION
WESTERN DIVISION
SALT LAKE DIV.

MAP
OF THE
SACRAMENTO DIVISION
SOUTHERN PACIFIC COMPANY

June, 1919

J.F.M

SCALE OF MILES

0
5
10
20
30